

Supplementary Materials

Genomic Characterization of *Lactiplantibacillus plantarum* Strains Possessing Differential Antiviral Immunomodulatory Activities

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Table S1. Orthologous genes obtained by OrthoFinder analysis, with their corresponding PGAP annotation.

Orthologous Group	CRL1506 orthologous	CRL681 orthologous	MPL16 orthologous	TL2766 orthologous	WCFS1 orthologous
OG0001387	CRL1506_002282	CRL681_002874	MPL16_000500	TL2766_000203	WCFS1_000001
OG0001388	CRL1506_002283	CRL681_002873	MPL16_000499	TL2766_000202	WCFS1_000002
OG0001389	CRL1506_002284	CRL681_002872	MPL16_000498	TL2766_000201	WCFS1_000003
OG0001390	CRL1506_002285	CRL681_002871	MPL16_000497	TL2766_000200	WCFS1_000004
OG0001391	CRL1506_002286	CRL681_002870	MPL16_000496	TL2766_000199	WCFS1_000005
OG0001392	CRL1506_002287	CRL681_002869	MPL16_000495	TL2766_000198	WCFS1_000006
OG0001393	CRL1506_002288	CRL681_002868	MPL16_000494	TL2766_000197	WCFS1_000007
OG0001394	CRL1506_002289	CRL681_002867	MPL16_000493	TL2766_000196	WCFS1_000008
OG0001395	CRL1506_002290	CRL681_002866	MPL16_000492	TL2766_000195	WCFS1_000009
OG0001396	CRL1506_002291	CRL681_002865	MPL16_000491	TL2766_000194	WCFS1_000010
OG0001397	CRL1506_002292	CRL681_002864	MPL16_000490	TL2766_000193	WCFS1_000011
OG0001398	CRL1506_002293	CRL681_002863	MPL16_000489	TL2766_000192	WCFS1_000012
OG0001399	CRL1506_002294	CRL681_002862	MPL16_000488	TL2766_000191	WCFS1_000013
OG0001400	CRL1506_002295	CRL681_002861	MPL16_000487	TL2766_000190	WCFS1_000014
OG0001401	CRL1506_002296	CRL681_002860	MPL16_000486	TL2766_000189	WCFS1_000015
OG0002477	CRL1506_002297	CRL681_002859		TL2766_000188	WCFS1_000016
OG0001402	CRL1506_002298	CRL681_002858	MPL16_002059	TL2766_000187	WCFS1_000017
OG0001403	CRL1506_002299	CRL681_002857	MPL16_002060	TL2766_000186	WCFS1_000018
OG0001404	CRL1506_002300	CRL681_002856	MPL16_002061	TL2766_000185	WCFS1_000019
OG0001405	CRL1506_002301	CRL681_002855	MPL16_002062	TL2766_000184	WCFS1_000020
OG0001406	CRL1506_002302	CRL681_002854	MPL16_002063	TL2766_000183	WCFS1_000021
OG0001407	CRL1506_002303	CRL681_002853	MPL16_002064	TL2766_000182	WCFS1_000022
OG0001408	CRL1506_002304	CRL681_002852	MPL16_002065	TL2766_000181	WCFS1_000023
OG0000034	CRL1506_002305, CRL1506_002333	CRL681_002819, CRL681_002851	MPL16_000349, MPL16_002066	TL2766_000152, TL2766_000180	WCFS1_000024, WCFS1_000053
OG0001409	CRL1506_002306	CRL681_002850	MPL16_000535	TL2766_000179	WCFS1_000025
OG0001410	CRL1506_002307	CRL681_002849	MPL16_000534	TL2766_000178	WCFS1_000026
OG0000007	CRL1506_000636, CRL1506_001165, CRL1506_002308	CRL681_001743, CRL681_001883, CRL681_002848	MPL16_000533, MPL16_001461, MPL16_001951	TL2766_000177, TL2766_000599, TL2766_000735	WCFS1_000027, WCFS1_000859, WCFS1_000994

OG0001411	CRL1506_002309	CRL681_002847	MPL16_000532	TL2766_000176	WCFS1_000028
OG0001412	CRL1506_002311	CRL681_002845	MPL16_000530	TL2766_000174	WCFS1_000030
OG0000182	CRL1506_002312	CRL681_000581, CRL681_002844	MPL16_000529	TL2766_000173	WCFS1_000031
OG0001413	CRL1506_002313	CRL681_002843	MPL16_000528	TL2766_000172	WCFS1_000032
OG0001414	CRL1506_002314	CRL681_002842	MPL16_000527	TL2766_000171	WCFS1_000033
OG0001415	CRL1506_002315	CRL681_002841	MPL16_000526	TL2766_000170	WCFS1_000034
OG0000183	CRL1506_002316	CRL681_002840	MPL16_000525	TL2766_000169, TL2766_002764	WCFS1_000035
OG0001416	CRL1506_002317	CRL681_002839	MPL16_000524	TL2766_000168	WCFS1_000036
OG0002838	CRL1506_002318				WCFS1_000037
OG0002839	CRL1506_002319				WCFS1_000038
OG0002478	CRL1506_002320	CRL681_002832		TL2766_000165	WCFS1_000039
OG0002479	CRL1506_002321	CRL681_002831		TL2766_000164	WCFS1_000040
OG0002480	CRL1506_002322	CRL681_002830		TL2766_000163	WCFS1_000041
OG0002481	CRL1506_002323	CRL681_002829		TL2766_000162	WCFS1_000042
OG0000170	CRL1506_002101	CRL681_000115	MPL16_002785	TL2766_000454	WCFS1_000043, WCFS1_002021
OG0002482	CRL1506_002324	CRL681_002828		TL2766_000161	WCFS1_000044
OG0002483	CRL1506_002325	CRL681_002827		TL2766_000160	WCFS1_000045
OG0001417	CRL1506_002326	CRL681_002826	MPL16_000482	TL2766_000159	WCFS1_000046
OG0001418	CRL1506_002327	CRL681_002825	MPL16_000481	TL2766_000158	WCFS1_000047
OG0001419	CRL1506_002328	CRL681_002824	MPL16_000480	TL2766_000157	WCFS1_000048
OG0001420	CRL1506_002329	CRL681_002823	MPL16_002386	TL2766_000156	WCFS1_000049
OG0002484	CRL1506_002330	CRL681_002822		TL2766_000155	WCFS1_000050
OG0000056	CRL1506_000463, CRL1506_002331	CRL681_002383, CRL681_002821	MPL16_001833	TL2766_000154, TL2766_002250	WCFS1_000051, WCFS1_002515
OG0002485	CRL1506_002332	CRL681_002820		TL2766_000153	WCFS1_000052
OG0002486	CRL1506_002334	CRL681_002818		TL2766_000151	WCFS1_000054
OG0002487	CRL1506_002335	CRL681_002817		TL2766_000150	WCFS1_000055
OG0002488	CRL1506_002336	CRL681_002816		TL2766_000149	WCFS1_000056
OG0001421	CRL1506_002338	CRL681_002814	MPL16_000925	TL2766_000147	WCFS1_000058
OG0001422	CRL1506_002339	CRL681_002813	MPL16_000924	TL2766_000146	WCFS1_000059

OG0000184	CRL1506_002340	CRL681_002812	MPL16_000923, MPL16_001781	TL2766_000145	WCFS1_000060
OG0001423	CRL1506_002341	CRL681_002811	MPL16_000922	TL2766_000144	WCFS1_000061
OG0001424	CRL1506_002342	CRL681_002810	MPL16_000921	TL2766_000143	WCFS1_000062
OG0001729	CRL1506_002344	CRL681_002808	MPL16_001055	TL2766_000141	WCFS1_000063
OG0002490	CRL1506_002345	CRL681_002807	MPL16_001054		WCFS1_000064
OG0001425	CRL1506_002346	CRL681_002806	MPL16_001053	TL2766_000139	WCFS1_000065
OG0001426	CRL1506_002347	CRL681_002805	MPL16_001052	TL2766_000138	WCFS1_000066
OG0001427	CRL1506_002348	CRL681_002804	MPL16_001051	TL2766_000137	WCFS1_000067
OG0001428	CRL1506_002349	CRL681_002803	MPL16_001050	TL2766_000136	WCFS1_000068
OG0001429	CRL1506_002350	CRL681_002802	MPL16_002648	TL2766_000135	WCFS1_000069
OG0001430	CRL1506_002351	CRL681_002801	MPL16_001696	TL2766_000134	WCFS1_000070
OG0001730	CRL1506_002352	CRL681_002800	MPL16_001695	TL2766_000545	WCFS1_000071
OG0002491	CRL1506_002353	CRL681_002799	MPL16_001694		WCFS1_000072
OG0001431	CRL1506_002354	CRL681_002798	MPL16_001693	TL2766_000547	WCFS1_000073
OG0002492	CRL1506_002355	CRL681_002797		TL2766_000548	WCFS1_000074
OG0002493	CRL1506_002356	CRL681_002796	MPL16_001691		WCFS1_000075
OG0001432	CRL1506_002357	CRL681_002795	MPL16_001690	TL2766_000550	WCFS1_000076
OG0001433	CRL1506_002358	CRL681_002794	MPL16_001689	TL2766_000551	WCFS1_000077
OG0001434	CRL1506_002359	CRL681_002793	MPL16_001688	TL2766_000552	WCFS1_000078
OG0001435	CRL1506_002360	CRL681_002792	MPL16_001687	TL2766_000553	WCFS1_000079
OG0001436	CRL1506_002361	CRL681_002791	MPL16_001686	TL2766_000554	WCFS1_000080
OG0001437	CRL1506_002362	CRL681_002790	MPL16_001685	TL2766_000555	WCFS1_000081
OG0001438	CRL1506_002363	CRL681_002789	MPL16_000936	TL2766_000556	WCFS1_000082
OG0001439	CRL1506_002364	CRL681_002788	MPL16_001156	TL2766_000557	WCFS1_000083
OG0001440	CRL1506_002365	CRL681_002787	MPL16_003155	TL2766_000558	WCFS1_000084
OG0001441	CRL1506_002366	CRL681_002786	MPL16_003156	TL2766_000559	WCFS1_000085
OG0001731	CRL1506_002367	CRL681_002785	MPL16_003157	TL2766_000560	WCFS1_000086
OG0000035	CRL1506_000622, CRL1506_002368	CRL681_001897, CRL681_002784	MPL16_002127, MPL16_003158	TL2766_000561, TL2766_000749	WCFS1_000087, WCFS1_001008
OG0001442	CRL1506_002369	CRL681_002783	MPL16_003159	TL2766_000562	WCFS1_000088
OG0001443	CRL1506_002370	CRL681_002782	MPL16_003160	TL2766_000563	WCFS1_000089
OG0002494	CRL1506_002371	CRL681_002781		TL2766_000564	WCFS1_000090
OG0001732	CRL1506_002372	CRL681_002780	MPL16_003153	TL2766_000565	WCFS1_000091

OG0002495	CRL1506_002373	CRL681_002779		TL2766_000566	WCFS1_000092
OG0002496	CRL1506_002374	CRL681_002778		TL2766_000567	WCFS1_000093
OG0001444	CRL1506_002375	CRL681_002777	MPL16_001999	TL2766_000568	WCFS1_000094
OG0001445	CRL1506_002376	CRL681_002776	MPL16_002000	TL2766_000569	WCFS1_000095
OG0000089	CRL1506_002377	CRL681_002775	MPL16_000283, MPL16_000585, MPL16_002001	TL2766_000570	WCFS1_000096
OG0001446	CRL1506_002378	CRL681_002774	MPL16_002002	TL2766_000571	WCFS1_000097
OG0001447	CRL1506_002379	CRL681_002773	MPL16_002003	TL2766_000572	WCFS1_000098
OG0001448	CRL1506_002380	CRL681_002772	MPL16_001643	TL2766_000573	WCFS1_000099
OG0001449	CRL1506_002381	CRL681_002771	MPL16_001644	TL2766_002442	WCFS1_000100
OG0002497	CRL1506_002382	CRL681_002770	MPL16_001645		WCFS1_000101
OG0001450	CRL1506_002383	CRL681_002769	MPL16_001646	TL2766_002441	WCFS1_000102
OG0001451	CRL1506_002384	CRL681_002768	MPL16_001647	TL2766_002440	WCFS1_000103
OG0001452	CRL1506_002385	CRL681_002767	MPL16_001648	TL2766_002439	WCFS1_000104
OG0001453	CRL1506_002386	CRL681_002766	MPL16_001649	TL2766_002438	WCFS1_000105
OG0002712	CRL1506_002387	CRL681_002765			WCFS1_000106
OG0001733	CRL1506_002388	CRL681_002764	MPL16_001651	TL2766_002436	WCFS1_000107
OG0001734	CRL1506_002389	CRL681_002763	MPL16_001653	TL2766_002435	WCFS1_000108
OG0000185	CRL1506_002390	CRL681_002762	MPL16_001654	TL2766_002434	WCFS1_000109, WCFS1_001507
OG0001454	CRL1506_002391	CRL681_002761	MPL16_001655	TL2766_002433	WCFS1_000110
OG0001455	CRL1506_002392	CRL681_002760	MPL16_001656	TL2766_002432	WCFS1_000111
OG0000186	CRL1506_002393	CRL681_002759	MPL16_001089, MPL16_001657	TL2766_002431	WCFS1_000112
OG0001735	CRL1506_002394	CRL681_002758	MPL16_001658	TL2766_002430	WCFS1_000113
OG0001456	CRL1506_002395	CRL681_002757	MPL16_001659	TL2766_002429	WCFS1_000114
OG0001457	CRL1506_002396	CRL681_002756	MPL16_001660	TL2766_002428	WCFS1_000115
OG0001458	CRL1506_002397	CRL681_002755	MPL16_001661	TL2766_002427	WCFS1_000116
OG0000187	CRL1506_002398	CRL681_002754	MPL16_001003	TL2766_002426	WCFS1_000117, WCFS1_001160
OG0001459	CRL1506_002399	CRL681_002753	MPL16_001004	TL2766_002425	WCFS1_000118
OG0001460	CRL1506_002400	CRL681_002752	MPL16_001005	TL2766_002424	WCFS1_000119
OG0001461	CRL1506_002401	CRL681_002751	MPL16_001006	TL2766_002423	WCFS1_000120

OG0002760		CRL681_002750		TL2766_002422	WCFS1_000121
OG0001462	CRL1506_002403	CRL681_002749	MPL16_001007	TL2766_002421	WCFS1_000122
OG0001463	CRL1506_002404	CRL681_002748	MPL16_001008	TL2766_002420	WCFS1_000123
OG0002498	CRL1506_002405	CRL681_002747		TL2766_002419	WCFS1_000124
OG0002539	CRL1506_002406		MPL16_001010	TL2766_002418	WCFS1_000125
OG0000188	CRL1506_002407	CRL681_002745	MPL16_001011, MPL16_001571	TL2766_002417	WCFS1_000126
OG0001464	CRL1506_002408	CRL681_002744	MPL16_001012	TL2766_002416	WCFS1_000127
OG0001465	CRL1506_002409	CRL681_002743	MPL16_001013	TL2766_002415	WCFS1_000128
OG0001466	CRL1506_002410	CRL681_002742	MPL16_001014	TL2766_002414	WCFS1_000129
OG0001467	CRL1506_002411	CRL681_002741	MPL16_001015	TL2766_002413	WCFS1_000130
OG0001468	CRL1506_002412	CRL681_002740	MPL16_001016	TL2766_002412	WCFS1_000131
OG0001469	CRL1506_002413	CRL681_002739	MPL16_000520	TL2766_002411	WCFS1_000132
OG0001470	CRL1506_002414	CRL681_002738	MPL16_000519	TL2766_002410	WCFS1_000133
OG0001471	CRL1506_002415	CRL681_002737	MPL16_000518	TL2766_002409	WCFS1_000134
OG0000189	CRL1506_002416	CRL681_000798, CRL681_002736	MPL16_000517	TL2766_002408	WCFS1_000135
OG0001472	CRL1506_002417	CRL681_000797, CRL681_002735		TL2766_002407	WCFS1_000136
OG0001473	CRL1506_002418	CRL681_002734	MPL16_002129	TL2766_002406	WCFS1_000137
OG0001474	CRL1506_002419	CRL681_002733	MPL16_002130	TL2766_002405	WCFS1_000138
OG0001475	CRL1506_002420	CRL681_002732	MPL16_002131	TL2766_002404	WCFS1_000139
OG0001476	CRL1506_002421	CRL681_002731	MPL16_002132	TL2766_002403	WCFS1_000140
OG0001477	CRL1506_002422	CRL681_002730	MPL16_002352	TL2766_002402	WCFS1_000141
OG0001478	CRL1506_002423	CRL681_002729	MPL16_002351	TL2766_002401	WCFS1_000142
OG0001479	CRL1506_002424	CRL681_002728	MPL16_002350	TL2766_002400	WCFS1_000143
OG0001736	CRL1506_002425	CRL681_002727	MPL16_002349	TL2766_002399	WCFS1_000144
OG0001480	CRL1506_002426	CRL681_002726	MPL16_002348	TL2766_002398	WCFS1_000145
OG0001481	CRL1506_002427	CRL681_002725	MPL16_002347	TL2766_002397	WCFS1_000146
OG0000054	CRL1506_002235, CRL1506_002428	CRL681_002724, CRL681_002921	MPL16_002346	TL2766_001780, TL2766_002396	WCFS1_000147, WCFS1_003065
OG0000036	CRL1506_002429, CRL1506_002764	CRL681_001258, CRL681_002723	MPL16_002345, MPL16_003056	TL2766_002395, TL2766_003090	WCFS1_000148, WCFS1_001483
OG0002499	CRL1506_002430	CRL681_002722		TL2766_001736	WCFS1_000149

OG0001482	CRL1506_002431	CRL681_002721	MPL16_002344	TL2766_001735	WCFS1_000150
OG0001483	CRL1506_002432	CRL681_002720	MPL16_002343	TL2766_001734	WCFS1_000151
OG0001484	CRL1506_002433	CRL681_002718	MPL16_002342	TL2766_001732	WCFS1_000152
OG0001485	CRL1506_002434	CRL681_002717	MPL16_001184	TL2766_001731	WCFS1_000153
OG0001486	CRL1506_002435	CRL681_002716	MPL16_001640	TL2766_001730	WCFS1_000154
OG0001487	CRL1506_002436	CRL681_002715	MPL16_001639	TL2766_001729	WCFS1_000155
OG0001488	CRL1506_002437	CRL681_002714	MPL16_001638	TL2766_001728	WCFS1_000156
OG0001489	CRL1506_002438	CRL681_002713	MPL16_001637	TL2766_001727	WCFS1_000157
OG0000090	CRL1506_002439	CRL681_002712, CRL681_002929	MPL16_001636	TL2766_001726	WCFS1_000158, WCFS1_003058
OG0001490	CRL1506_002440	CRL681_002711	MPL16_001595	TL2766_001725	WCFS1_000159
OG0002540	CRL1506_002441	CRL681_002710		TL2766_001724	WCFS1_000160
OG0001491	CRL1506_002442	CRL681_002709	MPL16_001596	TL2766_001723	WCFS1_000161
OG0000013	CRL1506_000095, CRL1506_002443, CRL1506_002444	CRL681_002707, CRL681_002708	MPL16_001597, MPL16_001598	TL2766_001721, TL2766_001722	WCFS1_000162, WCFS1_000163
OG0001492	CRL1506_002445	CRL681_002706	MPL16_001599	TL2766_001720	WCFS1_000164
OG0001493	CRL1506_002446	CRL681_002705	MPL16_001600	TL2766_001719	WCFS1_000165
OG0001494	CRL1506_002447	CRL681_002704	MPL16_001601	TL2766_001718	WCFS1_000166
OG0001495	CRL1506_002448	CRL681_002703	MPL16_001602	TL2766_001717	WCFS1_000167
OG0001496	CRL1506_002449	CRL681_002702	MPL16_001603	TL2766_001716	WCFS1_000168
OG0001497	CRL1506_002450	CRL681_002701	MPL16_001604	TL2766_001715	WCFS1_000169
OG0001498	CRL1506_002451	CRL681_002700	MPL16_001605	TL2766_001714	WCFS1_000170
OG0001499	CRL1506_002452	CRL681_002699	MPL16_001606	TL2766_001713	WCFS1_000171
OG0001500	CRL1506_002453	CRL681_002698	MPL16_001607	TL2766_001712	WCFS1_000172
OG0001501	CRL1506_002454	CRL681_002697	MPL16_001608	TL2766_001711	WCFS1_000173
OG0001502	CRL1506_002455	CRL681_002696	MPL16_001609	TL2766_001710	WCFS1_000174
OG0001503	CRL1506_002456	CRL681_002695	MPL16_001610	TL2766_001709	WCFS1_000175
OG0001504	CRL1506_002457	CRL681_002694	MPL16_001611	TL2766_001708	WCFS1_000176

OG0000005	CRL1506_000712, CRL1506_001482, CRL1506_002210, CRL1506_002476	CRL681_001898	MPL16_000568, MPL16_001484, MPL16_001594	TL2766_000236, TL2766_000837, TL2766_001571, TL2766_001737, TL2766_002394, TL2766_002870	WCFS1_000177, WCFS1_001713, WCFS1_002941
OG0001505	CRL1506_002458	CRL681_002693	MPL16_001612	TL2766_001707	WCFS1_000178
OG0001506	CRL1506_002459	CRL681_002692	MPL16_001613	TL2766_001706	WCFS1_000179
OG0001507	CRL1506_002460	CRL681_002691	MPL16_001614	TL2766_001705	WCFS1_000180
OG0001508	CRL1506_002461	CRL681_002690	MPL16_001615	TL2766_001704	WCFS1_000181
OG0001509	CRL1506_002462	CRL681_002689	MPL16_001616	TL2766_001703	WCFS1_000182
OG0001510	CRL1506_002463	CRL681_002688	MPL16_001617	TL2766_001702	WCFS1_000183
OG0001511	CRL1506_002464	CRL681_002687	MPL16_001618	TL2766_001701	WCFS1_000184
OG0000190	CRL1506_002465	CRL681_002686	MPL16_001619	TL2766_001700	WCFS1_000185, WCFS1_002137
OG0001512	CRL1506_002466	CRL681_002685	MPL16_001620	TL2766_001699	WCFS1_000186
OG0001513	CRL1506_002467	CRL681_002684	MPL16_001621	TL2766_001698	WCFS1_000187
OG0001514	CRL1506_002468	CRL681_002683	MPL16_001622	TL2766_001697	WCFS1_000188
OG0001515	CRL1506_002469	CRL681_002682	MPL16_001623	TL2766_001696	WCFS1_000189
OG0001516	CRL1506_002470	CRL681_002681	MPL16_001624	TL2766_001695	WCFS1_000190
OG0001517	CRL1506_002471	CRL681_002680	MPL16_001625	TL2766_001694	WCFS1_000191
OG0001518	CRL1506_002472	CRL681_002679	MPL16_001626	TL2766_001693	WCFS1_000192
OG0001519	CRL1506_002473	CRL681_002678	MPL16_001627	TL2766_001692	WCFS1_000193
OG0002500	CRL1506_002474	CRL681_002677	MPL16_001628		WCFS1_000194
OG0001520	CRL1506_002475	CRL681_002676	MPL16_001629	TL2766_001691	WCFS1_000195
OG0001365	CRL1506_002209	CRL681_002675	MPL16_001630	TL2766_001690	WCFS1_000196
OG0001364	CRL1506_002208	CRL681_002674	MPL16_001631	TL2766_001689	WCFS1_000197
OG0001363	CRL1506_002207	CRL681_002673	MPL16_001632	TL2766_001688	WCFS1_000198
OG0002454	CRL1506_002206	CRL681_002672		TL2766_001687	WCFS1_000199
OG0002453	CRL1506_002205	CRL681_002671		TL2766_001686	WCFS1_000200
OG0002710	CRL1506_002204			TL2766_001685	WCFS1_000201
OG0002452	CRL1506_002203	CRL681_002669		TL2766_001684	WCFS1_000202
OG0000053	CRL1506_002202, CRL1506_002547	CRL681_002668, CRL681_003021	MPL16_002614	TL2766_001683, TL2766_001857	WCFS1_000203, WCFS1_002955

OG0002451	CRL1506_002201	CRL681_002667		TL2766_001682	WCFS1_000204
OG0002450	CRL1506_002200	CRL681_002666		TL2766_001681	WCFS1_000205
OG0002449	CRL1506_002199	CRL681_002665		TL2766_001680	WCFS1_000206
OG0002448	CRL1506_002198	CRL681_002664		TL2766_001679	WCFS1_000207
OG0002447	CRL1506_002197	CRL681_002663		TL2766_001678	WCFS1_000208
OG0002446	CRL1506_002196	CRL681_002662		TL2766_001677	WCFS1_000209
OG0001362	CRL1506_002195	CRL681_002661	MPL16_000995	TL2766_001676	WCFS1_000210
OG0001361	CRL1506_002194	CRL681_002660	MPL16_000996	TL2766_001675	WCFS1_000211
OG0001360	CRL1506_002193	CRL681_002659	MPL16_000997	TL2766_001674	WCFS1_000212
OG0001359	CRL1506_002192	CRL681_002658	MPL16_000998	TL2766_001673	WCFS1_000213
OG0001358	CRL1506_002191	CRL681_002657	MPL16_000999	TL2766_001672	WCFS1_000214
OG0001357	CRL1506_002190	CRL681_002656	MPL16_001000	TL2766_001671	WCFS1_000215
OG0002445	CRL1506_002189	CRL681_002655		TL2766_001670	WCFS1_000216
OG0000032	CRL1506_001767, CRL1506_002188	CRL681_000532, CRL681_002654	MPL16_001763, MPL16_002244	TL2766_001669, TL2766_002082	WCFS1_000217, WCFS1_002733
OG0001356	CRL1506_002187	CRL681_002653	MPL16_002245	TL2766_001668	WCFS1_000218
OG0001355	CRL1506_002186	CRL681_002652	MPL16_002246	TL2766_001667	WCFS1_000219
OG0000068	CRL1506_000552, CRL1506_000611	CRL681_000737, CRL681_002651	MPL16_002573	TL2766_000808	WCFS1_000220, WCFS1_001069
OG0002601	CRL1506_000614	CRL681_000767, CRL681_002650			WCFS1_000221
OG0002902		CRL681_002649			WCFS1_000222
OG0002444	CRL1506_002185		MPL16_002247	TL2766_001666	WCFS1_000223
OG0001354	CRL1506_002184	CRL681_002646	MPL16_002248	TL2766_001665	WCFS1_000224
OG0001353	CRL1506_002183	CRL681_002645	MPL16_002249	TL2766_001664	WCFS1_000225
OG0001352	CRL1506_002182	CRL681_002644	MPL16_002250	TL2766_001663	WCFS1_000226
OG0001727	CRL1506_002181	CRL681_002643	MPL16_002251	TL2766_001662	WCFS1_000227
OG0001351	CRL1506_002180	CRL681_002642	MPL16_002252	TL2766_001661	WCFS1_000228
OG0001350	CRL1506_002179	CRL681_002641	MPL16_002253	TL2766_001660	WCFS1_000229
OG0000026	CRL1506_001259, CRL1506_002178	CRL681_001645, CRL681_002640	MPL16_002254, MPL16_002370	TL2766_001336, TL2766_001659	WCFS1_000230, WCFS1_000761
OG0002443	CRL1506_002177	CRL681_002639		TL2766_001658	WCFS1_000231
OG0002442	CRL1506_002176	CRL681_002638		TL2766_001657	WCFS1_000232

OG0000174	CRL1506_002175	CRL681_000566, CRL681_002637	MPL16_002255	TL2766_001656	WCFS1_000233
OG0000058	CRL1506_001541, CRL1506_002174	CRL681_000567, CRL681_002636	MPL16_002256	TL2766_000915, TL2766_001655	WCFS1_000234
OG0001349	CRL1506_002173	CRL681_002635	MPL16_002257	TL2766_001654	WCFS1_000235
OG0001348	CRL1506_002172	CRL681_002634	MPL16_002258	TL2766_001653	WCFS1_000236
OG0000173	CRL1506_002171	CRL681_002633	MPL16_002259, MPL16_002917	TL2766_001652	WCFS1_000237
OG0001347	CRL1506_002170	CRL681_002632	MPL16_002260	TL2766_001651	WCFS1_000238
OG0001346	CRL1506_002169	CRL681_002631	MPL16_002234	TL2766_001650	WCFS1_000239
OG0001345	CRL1506_002168	CRL681_002630	MPL16_002233	TL2766_001649	WCFS1_000240
OG0001344	CRL1506_002167	CRL681_002629	MPL16_002232	TL2766_001648	WCFS1_000241
OG0001343	CRL1506_002166	CRL681_002628	MPL16_002231	TL2766_001647	WCFS1_000242
OG0001342	CRL1506_002165	CRL681_002627	MPL16_002230	TL2766_001646	WCFS1_000243
OG0001341	CRL1506_002164	CRL681_002626	MPL16_002229	TL2766_001645	WCFS1_000244
OG0001340	CRL1506_002163	CRL681_002625	MPL16_002228	TL2766_001644	WCFS1_000245
OG0001339	CRL1506_002162	CRL681_002624	MPL16_002227	TL2766_001643	WCFS1_000246
OG0001338	CRL1506_002161	CRL681_002623	MPL16_002226	TL2766_001642	WCFS1_000247
OG0002616		CRL681_002622	MPL16_002225	TL2766_001641	WCFS1_000248
OG0001337	CRL1506_002159	CRL681_002621	MPL16_002224	TL2766_001640	WCFS1_000249
OG0002441	CRL1506_002158	CRL681_002620		TL2766_001639	WCFS1_000250
OG0001336	CRL1506_002157	CRL681_002619	MPL16_002222	TL2766_001638	WCFS1_000251
OG0001335	CRL1506_002156	CRL681_002618	MPL16_002221	TL2766_001637	WCFS1_000252
OG0001334	CRL1506_002155	CRL681_002617	MPL16_002220	TL2766_001636	WCFS1_000253
OG0001333	CRL1506_002154	CRL681_002616	MPL16_002219	TL2766_001635	WCFS1_000254
OG0001332	CRL1506_002153	CRL681_002615	MPL16_002218	TL2766_001634	WCFS1_000255
OG0001331	CRL1506_002152	CRL681_002614	MPL16_002217	TL2766_001633	WCFS1_000256
OG0001330	CRL1506_002151	CRL681_002613	MPL16_002216	TL2766_001632	WCFS1_000257
OG0001329	CRL1506_002150	CRL681_002612	MPL16_000894	TL2766_001631	WCFS1_000258
OG0001328	CRL1506_002149	CRL681_002611	MPL16_000895	TL2766_001630	WCFS1_000259
OG0001327	CRL1506_002148	CRL681_002610	MPL16_000896	TL2766_001629	WCFS1_000260
OG0001326	CRL1506_002147	CRL681_002609	MPL16_000897	TL2766_001628	WCFS1_000261
OG0001325	CRL1506_002146	CRL681_002608	MPL16_000898	TL2766_001627	WCFS1_000262
OG0001324	CRL1506_002145	CRL681_002607	MPL16_000899	TL2766_001626	WCFS1_000263

OG0001323	CRL1506_002141	CRL681_002603	MPL16_000900	TL2766_001622	WCFS1_000264
OG0001322	CRL1506_002140	CRL681_002602	MPL16_000901	TL2766_001621	WCFS1_000265
OG0001321	CRL1506_002139	CRL681_002601	MPL16_000902	TL2766_001620	WCFS1_000266
OG0001320	CRL1506_002138	CRL681_002600	MPL16_000903	TL2766_001619	WCFS1_000267
OG0001319	CRL1506_002137	CRL681_002599	MPL16_000904	TL2766_001618	WCFS1_000268
OG0001318	CRL1506_002136	CRL681_002598	MPL16_000905	TL2766_001617	WCFS1_000269
OG0001317	CRL1506_002135	CRL681_002597	MPL16_000906	TL2766_001616	WCFS1_000270
OG0001316	CRL1506_002134	CRL681_002596	MPL16_000907	TL2766_001615	WCFS1_000271
OG0001315	CRL1506_002133	CRL681_002595	MPL16_000908	TL2766_001614	WCFS1_000272
OG0001314	CRL1506_002132	CRL681_002594	MPL16_000909	TL2766_001613	WCFS1_000273
OG0001313	CRL1506_002131	CRL681_002593	MPL16_000910	TL2766_001612	WCFS1_000274
OG0001312	CRL1506_002130	CRL681_002592	MPL16_000911	TL2766_001611	WCFS1_000275
OG0001311	CRL1506_002129	CRL681_002591	MPL16_000912	TL2766_001610	WCFS1_000276
OG0001310	CRL1506_002128	CRL681_002590	MPL16_000913	TL2766_001609	WCFS1_000277
OG0002338	CRL1506_000773	CRL681_002589	MPL16_000914	TL2766_001608	WCFS1_000278
OG0002337	CRL1506_000772	CRL681_002588	MPL16_000915	TL2766_001607	WCFS1_000279
OG0002336	CRL1506_000771	CRL681_002587	MPL16_000916	TL2766_001606	WCFS1_000280
OG0002335	CRL1506_000770	CRL681_002586	MPL16_000917	TL2766_001605	WCFS1_000281
OG0002334	CRL1506_000769	CRL681_002585	MPL16_000918	TL2766_001604	WCFS1_000282
OG0002333	CRL1506_000768	CRL681_002584	MPL16_000919	TL2766_001603	WCFS1_000283
OG0002332	CRL1506_000767	CRL681_002583	MPL16_000920	TL2766_001602	WCFS1_000284
OG0002759		CRL681_002582	MPL16_002240		WCFS1_000285
OG0002331	CRL1506_000765	CRL681_002577	MPL16_002239	TL2766_001596	WCFS1_000286
OG0002330	CRL1506_000764	CRL681_002576	MPL16_001634	TL2766_001595	WCFS1_000287
OG0002329	CRL1506_000763	CRL681_002575	MPL16_001213	TL2766_001594	WCFS1_000288
OG0002328	CRL1506_000762	CRL681_002574	MPL16_001212	TL2766_001593	WCFS1_000289
OG0002327	CRL1506_000761	CRL681_002573	MPL16_001211	TL2766_001592	WCFS1_000290
OG0002326	CRL1506_000760	CRL681_002572	MPL16_001210	TL2766_001591	WCFS1_000291
OG0002325	CRL1506_000759	CRL681_002571	MPL16_001209	TL2766_001590	WCFS1_000292
OG0002324	CRL1506_000758	CRL681_002570	MPL16_001208	TL2766_001589	WCFS1_000293
OG0002323	CRL1506_000757	CRL681_002569	MPL16_001207	TL2766_001588	WCFS1_000294
OG0002322	CRL1506_000756	CRL681_002568	MPL16_001206	TL2766_001587	WCFS1_000295
OG0002321	CRL1506_000755	CRL681_002567	MPL16_001205	TL2766_001586	WCFS1_000296
OG0002320	CRL1506_000754	CRL681_002566	MPL16_001204	TL2766_001585	WCFS1_000297

OG0002319	CRL1506_000753	CRL681_002565	MPL16_001203	TL2766_001584	WCFS1_000298
OG0002318	CRL1506_000752	CRL681_002564	MPL16_001202	TL2766_001583	WCFS1_000299
OG0002317	CRL1506_000751	CRL681_002563	MPL16_001201	TL2766_001582	WCFS1_000300
OG0002316	CRL1506_000750	CRL681_002562	MPL16_001200	TL2766_001581	WCFS1_000301
OG0002315	CRL1506_000749	CRL681_002561	MPL16_001199	TL2766_001580	WCFS1_000302
OG0002610	CRL1506_000748	CRL681_002560		TL2766_001579	WCFS1_000303
OG0002314	CRL1506_000747	CRL681_002559	MPL16_001197	TL2766_001578	WCFS1_000304
OG0002313	CRL1506_000746	CRL681_002558	MPL16_001196	TL2766_001577	WCFS1_000305
OG0002312	CRL1506_000745	CRL681_002557	MPL16_001195	TL2766_001576	WCFS1_000306
OG0002898		CRL681_002556			WCFS1_000307
OG0002311	CRL1506_000744	CRL681_002555	MPL16_001194	TL2766_000443	WCFS1_000308
OG0002310	CRL1506_000743	CRL681_002554	MPL16_001193	TL2766_000442	WCFS1_000309
OG0002309	CRL1506_000742	CRL681_002553	MPL16_001192	TL2766_000441	WCFS1_000310
OG0002308	CRL1506_000741	CRL681_002552	MPL16_001191	TL2766_000440	WCFS1_000311
OG0000028	CRL1506_000740, CRL1506_001294	CRL681_001610, CRL681_002551	MPL16_001190, MPL16_002166	TL2766_000439, TL2766_001371	WCFS1_000312, WCFS1_000726
OG0002307	CRL1506_000739	CRL681_002550	MPL16_001189	TL2766_000438	WCFS1_000313
OG0002306	CRL1506_000738	CRL681_002549	MPL16_001188	TL2766_000437	WCFS1_000314
OG0002609	CRL1506_000737	CRL681_002548		TL2766_000436	WCFS1_000315
OG0002921		CRL681_002546			WCFS1_000317
OG0002758		CRL681_002545		TL2766_000421	WCFS1_000318
OG0000001	CRL1506_000051, CRL1506_000589, CRL1506_000590, CRL1506_000728, CRL1506_000731, CRL1506_000733, CRL1506_000734	CRL681_002529, CRL681_002532, CRL681_002535, CRL681_002536, CRL681_002543, CRL681_002544		TL2766_000356, TL2766_000423, TL2766_000426, TL2766_000427, TL2766_000432, TL2766_000433	WCFS1_000319, WCFS1_000320, WCFS1_000325, WCFS1_000326, WCFS1_000329, WCFS1_000332
OG0002598	CRL1506_000594	CRL681_002540		TL2766_000431	WCFS1_000321
OG0000109	CRL1506_000583, CRL1506_000588, CRL1506_000591, CRL1506_000735	CRL681_002539		TL2766_000430	WCFS1_000322
OG0002757		CRL681_002538		TL2766_000429	WCFS1_000323

OG0000276	CRL1506_000050	CRL681_002537		TL2766_000357, TL2766_000428	WCFS1_000324
OG0002769		CRL681_002534		TL2766_000425	WCFS1_000327
OG0002608	CRL1506_000732	CRL681_002533		TL2766_000424	WCFS1_000328
OG0002746	CRL1506_000730	CRL681_002531			WCFS1_000330
OG0002597	CRL1506_000582, CRL1506_000729	CRL681_002530			WCFS1_000331
OG0002305	CRL1506_000727	CRL681_002528	MPL16_001187	TL2766_000419	WCFS1_000333
OG0002607	CRL1506_000726		MPL16_001186	TL2766_000418	WCFS1_000334
OG0002304	CRL1506_000725	CRL681_002526	MPL16_000245	TL2766_000417	WCFS1_000335
OG0000243	CRL1506_000724	CRL681_002525	MPL16_002037, MPL16_002148	TL2766_000416	WCFS1_000336
OG0002303	CRL1506_000723	CRL681_002524	MPL16_002147	TL2766_000415	WCFS1_000337
OG0002302	CRL1506_000722	CRL681_002523	MPL16_001813	TL2766_000414	WCFS1_000338
OG0002301	CRL1506_000721	CRL681_002522	MPL16_001812	TL2766_000413	WCFS1_000339
OG0000114	CRL1506_000016, CRL1506_000720	CRL681_002521	MPL16_002174	TL2766_000390	WCFS1_000340
OG0002300	CRL1506_000719	CRL681_002520	MPL16_001809	TL2766_000405	WCFS1_000341
OG0002606	CRL1506_000718	CRL681_002519	MPL16_001808		WCFS1_000342
OG0002605	CRL1506_000717	CRL681_002518	MPL16_001807		WCFS1_000343
OG0002604	CRL1506_000716	CRL681_002517	MPL16_001806		WCFS1_000344
OG0002745	CRL1506_000715	CRL681_002516			WCFS1_000345
OG0002897		CRL681_002515			WCFS1_000346
OG0002346	CRL1506_000002	CRL681_002514	MPL16_001804		WCFS1_000347
OG0000248	CRL1506_000003	CRL681_000806	MPL16_001803	TL2766_000403	WCFS1_000348
OG0000249	CRL1506_000004	CRL681_000807	MPL16_001802	TL2766_000402	WCFS1_000349
OG0000047	CRL1506_000005, CRL1506_000006	CRL681_000808, CRL681_000809	MPL16_001800	TL2766_000400, TL2766_000401	WCFS1_000350, WCFS1_000351
OG0000250	CRL1506_000007	CRL681_000810	MPL16_001799	TL2766_000399	WCFS1_000352
OG0000251	CRL1506_000008	CRL681_000811	MPL16_001798	TL2766_000398	WCFS1_000353
OG0000252	CRL1506_000009	CRL681_000812	MPL16_001797	TL2766_000397	WCFS1_000354
OG0000253	CRL1506_000010	CRL681_000813	MPL16_002168	TL2766_000396	WCFS1_000355
OG0002347	CRL1506_000011		MPL16_002169	TL2766_000395	WCFS1_000356
OG0000254	CRL1506_000013	CRL681_000816	MPL16_002171	TL2766_000393	WCFS1_000358

OG0000255	CRL1506_000014	CRL681_000817	MPL16_002172	TL2766_000392	WCFS1_000359
OG0000256	CRL1506_000015	CRL681_000818	MPL16_002173	TL2766_000391	WCFS1_000360
OG0002969		CRL681_000819			WCFS1_000361
OG0002968		CRL681_000820			WCFS1_000362
OG0000257	CRL1506_000017	CRL681_000821	MPL16_002175	TL2766_000389	WCFS1_000363
OG0000258	CRL1506_000018	CRL681_000822	MPL16_002176	TL2766_000388	WCFS1_000364
OG0000259	CRL1506_000019	CRL681_000823	MPL16_002177	TL2766_000387	WCFS1_000365
OG0000260	CRL1506_000020	CRL681_000824	MPL16_002178	TL2766_000386	WCFS1_000366
OG0000261	CRL1506_000021	CRL681_000825	MPL16_002179	TL2766_000385	WCFS1_000367
OG0000262	CRL1506_000022	CRL681_000826	MPL16_002180	TL2766_000384	WCFS1_000368
OG0000263	CRL1506_000023	CRL681_000827	MPL16_002181	TL2766_000383	WCFS1_000369
OG0002354	CRL1506_000024	CRL681_000828		TL2766_000382	WCFS1_000370
OG0000004	CRL1506_000025, CRL1506_000254, CRL1506_000255, CRL1506_001852	CRL681_000444, CRL681_000445, CRL681_000829, CRL681_002509	MPL16_001276, MPL16_001277	TL2766_000381, TL2766_002166, TL2766_002841, TL2766_002842	WCFS1_000371, WCFS1_002364, WCFS1_002365
OG0002348	CRL1506_000026	CRL681_000830		TL2766_000380	WCFS1_000372
OG0002349	CRL1506_000027	CRL681_000831		TL2766_000379	WCFS1_000373
OG0000019	CRL1506_000028, CRL1506_000441	CRL681_000832, CRL681_002361	MPL16_000418, MPL16_002603	TL2766_000378, TL2766_002607	WCFS1_000374, WCFS1_002493
OG0002350	CRL1506_000029	CRL681_000833		TL2766_000377	WCFS1_000375
OG0002351	CRL1506_000030	CRL681_000834		TL2766_000376	WCFS1_000376
OG0002352	CRL1506_000031	CRL681_000835		TL2766_000375	WCFS1_000377
OG0000264	CRL1506_000032	CRL681_000836	MPL16_000927	TL2766_000374	WCFS1_000378
OG0000265	CRL1506_000033	CRL681_000837	MPL16_000928	TL2766_000373	WCFS1_000379
OG0000266	CRL1506_000034	CRL681_000838	MPL16_000929	TL2766_000372	WCFS1_000380
OG0000267	CRL1506_000035	CRL681_000839	MPL16_000930	TL2766_000371	WCFS1_000381
OG0002792		CRL681_000840		TL2766_000370	WCFS1_000382
OG0000268	CRL1506_000037	CRL681_000841	MPL16_000931	TL2766_000369	WCFS1_000383
OG0000269	CRL1506_000038	CRL681_000842	MPL16_000932	TL2766_000368	WCFS1_000384
OG0000270	CRL1506_000039	CRL681_000843	MPL16_000933	TL2766_000367	WCFS1_000385
OG0000271	CRL1506_000040	CRL681_000844	MPL16_000934	TL2766_000366	WCFS1_000386
OG0000272	CRL1506_000041	CRL681_000845	MPL16_000935	TL2766_000365	WCFS1_000387
OG0000273	CRL1506_000042	CRL681_000846	MPL16_001182	TL2766_000364	WCFS1_000388

OG0000274	CRL1506_000043	CRL681_000847	MPL16_001181	TL2766_000363	WCFS1_000389
OG0002353	CRL1506_000045	CRL681_000849		TL2766_000362	WCFS1_000390
OG0000275	CRL1506_000046	CRL681_000850	MPL16_001179	TL2766_000361	WCFS1_000391
OG0000323	CRL1506_000047	CRL681_000851	MPL16_001178	TL2766_000360	WCFS1_000392
OG0000277	CRL1506_000052	CRL681_000852	MPL16_001177	TL2766_000355	WCFS1_000393
OG0000278	CRL1506_000053	CRL681_000853	MPL16_001176	TL2766_000354	WCFS1_000394
OG0000279	CRL1506_000054	CRL681_000854	MPL16_001175	TL2766_000353	WCFS1_000395
OG0000020	CRL1506_000055, CRL1506_001360	CRL681_000855, CRL681_000945	MPL16_001174, MPL16_002490	TL2766_000352, TL2766_001178	WCFS1_000396, WCFS1_001846
OG0000280	CRL1506_000056	CRL681_000856	MPL16_001173	TL2766_000351	WCFS1_000397
OG0000324	CRL1506_000057	CRL681_000857	MPL16_001172	TL2766_000350	WCFS1_000398
OG0000281	CRL1506_000058	CRL681_000858	MPL16_001171	TL2766_000349	WCFS1_000399
OG0000325	CRL1506_000059	CRL681_000859	MPL16_001170	TL2766_000348	WCFS1_000400
OG0000282	CRL1506_000060	CRL681_000860	MPL16_001169	TL2766_000347	WCFS1_000401
OG0000283	CRL1506_000061	CRL681_000861	MPL16_001168	TL2766_000346	WCFS1_000402
OG0000284	CRL1506_000062	CRL681_000862	MPL16_001167	TL2766_000345	WCFS1_000403
OG0000285	CRL1506_000063	CRL681_000863	MPL16_001166	TL2766_000344	WCFS1_000404
OG0000171	CRL1506_002105	CRL681_000111	MPL16_002781	TL2766_000450	WCFS1_000405, WCFS1_002017
OG0003472					WCFS1_000406
OG0003473					WCFS1_000407
OG0003474					WCFS1_000408
OG0003475					WCFS1_000409
OG0000116	CRL1506_000089	CRL681_000886	MPL16_001028	TL2766_000318	WCFS1_000410, WCFS1_000444
OG0000117	CRL1506_000091	CRL681_000888	MPL16_001026	TL2766_000316	WCFS1_000411, WCFS1_000446
OG0000130	CRL1506_001092	CRL681_001817	MPL16_001394	TL2766_000672	WCFS1_000412, WCFS1_000933
OG0003476					WCFS1_000413
OG0000064	CRL1506_002532	CRL681_002998	MPL16_003167, MPL16_003175	TL2766_001833	WCFS1_000414, WCFS1_002654, WCFS1_002979

OG0000151	CRL1506_001450	CRL681_003126	MPL16_002654	TL2766_000477	WCFS1_000415, WCFS1_002853
OG0000097	CRL1506_002952	CRL681_002199	MPL16_000801	TL2766_000292, TL2766_003051	WCFS1_000416, WCFS1_001441
OG0002995			MPL16_001165		WCFS1_000417
OG0002996			MPL16_001164		WCFS1_000418
OG0002994			MPL16_001163		WCFS1_000419
OG0002993			MPL16_001162		WCFS1_000420
OG0002992			MPL16_001161		WCFS1_000421
OG0000286	CRL1506_000064	CRL681_000864	MPL16_001160	TL2766_000343	WCFS1_000422
OG0000287	CRL1506_000065	CRL681_000865	MPL16_001159	TL2766_000342	WCFS1_000423
OG0000288	CRL1506_000066	CRL681_000866	MPL16_001158	TL2766_000341	WCFS1_000424
OG0000289	CRL1506_000067	CRL681_000867	MPL16_001157	TL2766_000340	WCFS1_000425
OG0000290	CRL1506_000068	CRL681_000868	MPL16_001049	TL2766_000339	WCFS1_000426
OG0000291	CRL1506_000069	CRL681_000869	MPL16_001048	TL2766_000338	WCFS1_000427
OG0000292	CRL1506_000070	CRL681_000870	MPL16_001047	TL2766_000337	WCFS1_000428
OG0000293	CRL1506_000071	CRL681_000871	MPL16_001046	TL2766_000336	WCFS1_000429
OG0000294	CRL1506_000072	CRL681_000872	MPL16_001045	TL2766_000335	WCFS1_000430
OG0000295	CRL1506_000073	CRL681_000873	MPL16_001044	TL2766_000334	WCFS1_000431
OG0000296	CRL1506_000074	CRL681_000874	MPL16_001043	TL2766_000333	WCFS1_000432
OG0000297	CRL1506_000075	CRL681_000875	MPL16_001042	TL2766_000332	WCFS1_000433
OG0000298	CRL1506_000076	CRL681_000876	MPL16_001041	TL2766_000331	WCFS1_000434
OG0000299	CRL1506_000077	CRL681_000877	MPL16_001040	TL2766_000330	WCFS1_000435
OG0000326	CRL1506_000078	CRL681_000878	MPL16_001039	TL2766_000329	WCFS1_000436
OG0000115	CRL1506_000079	CRL681_000879	MPL16_001038	TL2766_000328, TL2766_002458	WCFS1_000437
OG0000300	CRL1506_000080	CRL681_000880	MPL16_001037	TL2766_000327	WCFS1_000438
OG0000301	CRL1506_000081	CRL681_000881	MPL16_001036	TL2766_000326	WCFS1_000439
OG0000302	CRL1506_000082	CRL681_000882	MPL16_001035	TL2766_000325	WCFS1_000440

OG0000006	CRL1506_000083, CRL1506_001737	CRL681_000457, CRL681_000502, CRL681_000583, CRL681_000707, CRL681_000883, CRL681_002260	MPL16_001034, MPL16_002283	TL2766_000324, TL2766_002020, TL2766_002052, TL2766_002445	WCFS1_000441, WCFS1_002763
OG0000304	CRL1506_000087	CRL681_000884	MPL16_001030	TL2766_000320	WCFS1_000442
OG0000305	CRL1506_000088	CRL681_000885	MPL16_001029	TL2766_000319	WCFS1_000443
OG0000306	CRL1506_000090	CRL681_000887	MPL16_001027	TL2766_000317	WCFS1_000445
OG0000307	CRL1506_000092	CRL681_000889	MPL16_001025	TL2766_000315	WCFS1_000447
OG0000308	CRL1506_000093	CRL681_000890	MPL16_001024	TL2766_000314	WCFS1_000448
OG0000309	CRL1506_000094	CRL681_000891	MPL16_001023	TL2766_000313	WCFS1_000449
OG0000310	CRL1506_000097	CRL681_000892	MPL16_001022	TL2766_000312	WCFS1_000450
OG0000311	CRL1506_000098	CRL681_000893	MPL16_001021	TL2766_000311	WCFS1_000451
OG0000312	CRL1506_000099	CRL681_000894	MPL16_001020	TL2766_000310	WCFS1_000452
OG0000118	CRL1506_000100	CRL681_000895	MPL16_001019, MPL16_001920	TL2766_000309	WCFS1_000453
OG0000119	CRL1506_000101	CRL681_000896	MPL16_001018, MPL16_001919	TL2766_000308	WCFS1_000454
OG0000313	CRL1506_000102	CRL681_000897	MPL16_001918	TL2766_000307	WCFS1_000455
OG0000314	CRL1506_000103	CRL681_000898	MPL16_001917	TL2766_000306	WCFS1_000456
OG0000315	CRL1506_000104	CRL681_000899	MPL16_001916	TL2766_000305	WCFS1_000457
OG0000316	CRL1506_000105	CRL681_000900	MPL16_001915	TL2766_000304	WCFS1_000458
OG0000317	CRL1506_000106	CRL681_000901	MPL16_001914	TL2766_000303	WCFS1_000459
OG0000318	CRL1506_000107	CRL681_000902	MPL16_001913	TL2766_000302	WCFS1_000460
OG0000319	CRL1506_000108	CRL681_000903	MPL16_001912	TL2766_000301	WCFS1_000461
OG0000320	CRL1506_000109	CRL681_000904	MPL16_001911	TL2766_000300	WCFS1_000462
OG0000321	CRL1506_000110	CRL681_000905	MPL16_001910	TL2766_000299	WCFS1_000463
OG0000322	CRL1506_000111	CRL681_000906	MPL16_001909	TL2766_000298	WCFS1_000464
OG0000376	CRL1506_000858	CRL681_001408	MPL16_002292	TL2766_001565	WCFS1_000472
OG0000377	CRL1506_000859	CRL681_001409	MPL16_002293	TL2766_001564	WCFS1_000473
OG0002356	CRL1506_000862	CRL681_001412		TL2766_001561	WCFS1_000476
OG0000378	CRL1506_000863	CRL681_001413	MPL16_002296	TL2766_001560	WCFS1_000477
OG0000379	CRL1506_000864	CRL681_001414	MPL16_002297	TL2766_001559	WCFS1_000478

OG0002357	CRL1506_000865	CRL681_001415		TL2766_001558	WCFS1_000479
OG0000380	CRL1506_000866	CRL681_001416	MPL16_002299	TL2766_001557	WCFS1_000480
OG0000381	CRL1506_000867	CRL681_001417	MPL16_002300	TL2766_001556	WCFS1_000481
OG0000382	CRL1506_000868	CRL681_001418	MPL16_002301	TL2766_001555	WCFS1_000482
OG0000383	CRL1506_000869	CRL681_001419	MPL16_002302	TL2766_001554	WCFS1_000483
OG0000384	CRL1506_000870	CRL681_001420	MPL16_002303	TL2766_001553	WCFS1_000484
OG0000385	CRL1506_000871	CRL681_001421	MPL16_002304	TL2766_001552	WCFS1_000485
OG0000386	CRL1506_000872	CRL681_001422	MPL16_002305	TL2766_001551	WCFS1_000486
OG0000387	CRL1506_000873	CRL681_001423	MPL16_002306	TL2766_001550	WCFS1_000487
OG0000120	CRL1506_000874	CRL681_000012, CRL681_001424	MPL16_002307	TL2766_001549	WCFS1_000488
OG0000388	CRL1506_000875	CRL681_001425	MPL16_002308	TL2766_001548	WCFS1_000489
OG0000389	CRL1506_000876	CRL681_001426	MPL16_002309	TL2766_001547	WCFS1_000490
OG0000390	CRL1506_000877	CRL681_001427	MPL16_002310	TL2766_001546	WCFS1_000491
OG0000391	CRL1506_000878	CRL681_001428	MPL16_002311	TL2766_001545	WCFS1_000492
OG0000392	CRL1506_000879	CRL681_001429	MPL16_002312	TL2766_001544	WCFS1_000493
OG0000400	CRL1506_000886	CRL681_001436	MPL16_002314	TL2766_001539	WCFS1_000495
OG0000393	CRL1506_000887	CRL681_001437	MPL16_002315	TL2766_001538	WCFS1_000496
OG0000394	CRL1506_000888	CRL681_001438	MPL16_002316	TL2766_001537	WCFS1_000497
OG0000395	CRL1506_000889	CRL681_001439	MPL16_002317	TL2766_001536	WCFS1_000498
OG0002973		CRL681_001440			WCFS1_000499
OG0002974		CRL681_001441			WCFS1_000500
OG0002975		CRL681_001442			WCFS1_000501
OG0002976		CRL681_001443			WCFS1_000502
OG0002977		CRL681_001444			WCFS1_000503
OG0000396	CRL1506_000890	CRL681_001445	MPL16_002318	TL2766_001535	WCFS1_000504
OG0002978		CRL681_001446			WCFS1_000505
OG0000397	CRL1506_000891	CRL681_001447	MPL16_002319	TL2766_001534	WCFS1_000506
OG0000398	CRL1506_000892	CRL681_001448	MPL16_002320	TL2766_001533	WCFS1_000507
OG0000399	CRL1506_000893	CRL681_001449	MPL16_002321	TL2766_001532	WCFS1_000508
OG0001647	CRL1506_002696	CRL681_001450	MPL16_002322	TL2766_001531	WCFS1_000509
OG0001646	CRL1506_002695	CRL681_001451	MPL16_002323	TL2766_001530	WCFS1_000510
OG0001645	CRL1506_002694	CRL681_001452	MPL16_002324	TL2766_001529	WCFS1_000511
OG0001644	CRL1506_002693	CRL681_001453	MPL16_002325	TL2766_001528	WCFS1_000512

OG0001643	CRL1506_002692	CRL681_001454	MPL16_002326	TL2766_001527	WCFS1_000513
OG0001642	CRL1506_002691	CRL681_001455	MPL16_002327	TL2766_001526	WCFS1_000514
OG0001641	CRL1506_002690	CRL681_001456	MPL16_002328	TL2766_001525	WCFS1_000515
OG0002526	CRL1506_002689		MPL16_002329	TL2766_001524	WCFS1_000516
OG0001640	CRL1506_002688	CRL681_001458	MPL16_002330	TL2766_001523	WCFS1_000517
OG0001639	CRL1506_002687	CRL681_001459	MPL16_002331	TL2766_001522	WCFS1_000518
OG0001638	CRL1506_002686	CRL681_001460	MPL16_002332	TL2766_001521	WCFS1_000519
OG0001637	CRL1506_002685	CRL681_001461	MPL16_002333	TL2766_001520	WCFS1_000520
OG0001636	CRL1506_002684	CRL681_001462	MPL16_002334	TL2766_001519	WCFS1_000521
OG0001635	CRL1506_002683	CRL681_001463	MPL16_002335	TL2766_001518	WCFS1_000522
OG0001634	CRL1506_002682	CRL681_001464	MPL16_002336	TL2766_001517	WCFS1_000523
OG0001633	CRL1506_002681	CRL681_001465	MPL16_002337	TL2766_001516	WCFS1_000524
OG0000203	CRL1506_002680	CRL681_001466	MPL16_000512, MPL16_002338	TL2766_001515	WCFS1_000525
OG0001632	CRL1506_002679	CRL681_001467	MPL16_002339	TL2766_001514	WCFS1_000526
OG0001631	CRL1506_002678	CRL681_001468	MPL16_002340	TL2766_001513	WCFS1_000527
OG0001630	CRL1506_002677	CRL681_001469	MPL16_002341	TL2766_001512	WCFS1_000528
OG0001629	CRL1506_002676	CRL681_001470	MPL16_001231	TL2766_001511	WCFS1_000529
OG0001628	CRL1506_002675	CRL681_001471	MPL16_001232	TL2766_001510	WCFS1_000530
OG0001627	CRL1506_002674	CRL681_001472	MPL16_000566	TL2766_001509	WCFS1_000531
OG0001626	CRL1506_002673	CRL681_001473	MPL16_000565	TL2766_001508	WCFS1_000532
OG0001625	CRL1506_002672	CRL681_001474	MPL16_000564	TL2766_001507	WCFS1_000533
OG0001624	CRL1506_002670	CRL681_001476	MPL16_000562	TL2766_001505	WCFS1_000535
OG0001623	CRL1506_002669	CRL681_001477	MPL16_000561	TL2766_001504	WCFS1_000536
OG0001622	CRL1506_002668	CRL681_001478	MPL16_000560	TL2766_001503	WCFS1_000537
OG0001621	CRL1506_002667	CRL681_001479	MPL16_000559	TL2766_001502	WCFS1_000538
OG0000201	CRL1506_002620		MPL16_002655	TL2766_000997	WCFS1_000539, WCFS1_002138, WCFS1_002852
OG0002951		CRL681_000212			WCFS1_000541
OG0000246		CRL681_000215	MPL16_002885	TL2766_000052, TL2766_001103	WCFS1_000544, WCFS1_002110
OG0002670			MPL16_002881	TL2766_000995	WCFS1_000545, WCFS1_001704

OG0000138	CRL1506_001225	CRL681_001675	MPL16_001894	TL2766_001307	WCFS1_000546, WCFS1_000794
OG0002296	CRL1506_000701	CRL681_000207		TL2766_000064	WCFS1_000547, WCFS1_002107
OG0000009	CRL1506_000702, CRL1506_001224, CRL1506_002621, CRL1506_002935	CRL681_000206, CRL681_000659, CRL681_001676	MPL16_001893	TL2766_000065, TL2766_001306	WCFS1_000548, WCFS1_000795, WCFS1_002106, WCFS1_002851
OG0002744	CRL1506_000703			TL2766_000066	WCFS1_000549
OG0002559	CRL1506_002933	CRL681_000204		TL2766_000067	WCFS1_000550
OG0001779	CRL1506_002931, CRL1506_002932	CRL681_000203		TL2766_000068	WCFS1_000551
OG0002558	CRL1506_002930	CRL681_000202		TL2766_000069	WCFS1_000552
OG0002872	CRL1506_002928				WCFS1_000553
OG0002871	CRL1506_002927				WCFS1_000554
OG0003477					WCFS1_000555
OG0002602	CRL1506_000706		MPL16_002869	TL2766_000073	WCFS1_000556
OG0002807			MPL16_002868	TL2766_000074	WCFS1_000557
OG0002603	CRL1506_000708		MPL16_002867	TL2766_000075	WCFS1_000558
OG0000218	CRL1506_002922	CRL681_000196	MPL16_002866	TL2766_000077	WCFS1_000559, WCFS1_002097
OG0002620		CRL681_000195		TL2766_000078	WCFS1_000560, WCFS1_002096
OG0002810				TL2766_000079	WCFS1_000561, WCFS1_002095
OG0000217	CRL1506_002920	CRL681_000194	MPL16_002864	TL2766_000080	WCFS1_000562, WCFS1_002094
OG0002868	CRL1506_002919				WCFS1_000563
OG0002867	CRL1506_002918				WCFS1_000564
OG0002943		CRL681_000187			WCFS1_000565
OG0003478					WCFS1_000566
OG0000216	CRL1506_002915	CRL681_000674	MPL16_001566, MPL16_002859		WCFS1_000567, WCFS1_002091
OG0002950		CRL681_000188			WCFS1_000568

OG0002555	CRL1506_002912	CRL681_000186	MPL16_002857		WCFS1_000569
OG0000223	CRL1506_002911	CRL681_000185	MPL16_002856	TL2766_000083	WCFS1_000570, WCFS1_002087
OG0002851	CRL1506_002629				WCFS1_000572
OG0003049				TL2766_000088	WCFS1_000573
OG0000096	CRL1506_002827, CRL1506_002906	CRL681_000181	MPL16_002850	TL2766_000089	WCFS1_000574, WCFS1_002083
OG0002729	CRL1506_002826, CRL1506_002905				WCFS1_000575
OG0002535	CRL1506_002825, CRL1506_002904				WCFS1_000576, WCFS1_002081
OG0002534	CRL1506_002824	CRL681_002051			WCFS1_000577, WCFS1_002080
OG0002728	CRL1506_002823				WCFS1_000578, WCFS1_002079
OG0002727	CRL1506_002822				WCFS1_000579, WCFS1_002078
OG0002726	CRL1506_002821				WCFS1_000580, WCFS1_002077
OG0002731	CRL1506_002820				WCFS1_000581, WCFS1_002076
OG0002725	CRL1506_002819				WCFS1_000582, WCFS1_002075
OG0002724	CRL1506_002818				WCFS1_000583, WCFS1_002074
OG0002723	CRL1506_002817				WCFS1_000584, WCFS1_002073
OG0002722	CRL1506_002816				WCFS1_000585, WCFS1_002072
OG0002721	CRL1506_002815				WCFS1_000586, WCFS1_002071
OG0000061	CRL1506_001877, CRL1506_002814	CRL681_000696	MPL16_001547, MPL16_002836	TL2766_001062	WCFS1_000587, WCFS1_002070
OG0002856	CRL1506_002813				WCFS1_000588

OG0002855	CRL1506_002812				WCFS1_000589
OG0002854	CRL1506_002811				WCFS1_000590
OG0002853	CRL1506_002810				WCFS1_000591
OG0002852	CRL1506_002809				WCFS1_000592
OG0002720	CRL1506_002808		MPL16_002829		WCFS1_000593
OG0002719	CRL1506_002807		MPL16_002828		WCFS1_000594
OG0000059	CRL1506_001868, CRL1506_002806	CRL681_000705	MPL16_001540, MPL16_002827	TL2766_000112	WCFS1_000595, WCFS1_002063
OG0002669			MPL16_002826	TL2766_000113	WCFS1_000596, WCFS1_002062
OG0003479					WCFS1_000598
OG0002775		CRL681_000157		TL2766_001055	WCFS1_000599
OG0003480					WCFS1_000600
OG0003481					WCFS1_000601
OG0001620	CRL1506_002666	CRL681_001480	MPL16_000558	TL2766_001500	WCFS1_000602
OG0002634		CRL681_001481	MPL16_000557	TL2766_001499	WCFS1_000603
OG0001619	CRL1506_002664	CRL681_001482	MPL16_000556	TL2766_001498	WCFS1_000604
OG0001618	CRL1506_002663	CRL681_001483	MPL16_000555	TL2766_001497	WCFS1_000605
OG0000094	CRL1506_002662	CRL681_001484, CRL681_002252, CRL681_002253	MPL16_000554	TL2766_001496	WCFS1_000606
OG0000202	CRL1506_002661	CRL681_001485, CRL681_002254	MPL16_000553	TL2766_001495	WCFS1_000607
OG0001617	CRL1506_002660	CRL681_001486	MPL16_000552	TL2766_001494	WCFS1_000608
OG0001616	CRL1506_002659	CRL681_001487	MPL16_000551	TL2766_001493	WCFS1_000609
OG0001615	CRL1506_002658	CRL681_001488	MPL16_000550	TL2766_001492	WCFS1_000610
OG0001614	CRL1506_002656	CRL681_001490	MPL16_000548	TL2766_001490	WCFS1_000612
OG0001613	CRL1506_002655	CRL681_001491	MPL16_000547	TL2766_001489	WCFS1_000613
OG0001612	CRL1506_002654	CRL681_001492	MPL16_000546	TL2766_001488	WCFS1_000614
OG0001611	CRL1506_002653	CRL681_001493	MPL16_000545	TL2766_001487	WCFS1_000615
OG0001610	CRL1506_002652	CRL681_001494	MPL16_000544	TL2766_001481	WCFS1_000616
OG0001609	CRL1506_002651	CRL681_001495	MPL16_000543	TL2766_001480	WCFS1_000617
OG0001608	CRL1506_002650	CRL681_001496	MPL16_000542	TL2766_001479	WCFS1_000618
OG0001607	CRL1506_002649	CRL681_001497	MPL16_000541	TL2766_001478	WCFS1_000619

OG0001606	CRL1506_002648	CRL681_001498	MPL16_000540	TL2766_001477	WCFS1_000620
OG0001605	CRL1506_002647	CRL681_001499	MPL16_000539	TL2766_001476	WCFS1_000621
OG0000040	CRL1506_002575, CRL1506_002646	CRL681_001500, CRL681_003049	MPL16_000273, MPL16_000538	TL2766_001475, TL2766_001885	WCFS1_000622, WCFS1_002926
OG0001119	CRL1506_001890	CRL681_001502	MPL16_001720	TL2766_001472	WCFS1_000624
OG0001120	CRL1506_001891	CRL681_001503	MPL16_001719	TL2766_001471	WCFS1_000625
OG0001121	CRL1506_001892	CRL681_001504	MPL16_001718	TL2766_001470	WCFS1_000626
OG0001122	CRL1506_001893	CRL681_001505	MPL16_001717	TL2766_001469	WCFS1_000627
OG0001123	CRL1506_001894	CRL681_001506	MPL16_001716	TL2766_001468	WCFS1_000628
OG0001124	CRL1506_001895	CRL681_001507	MPL16_001715	TL2766_001467	WCFS1_000629
OG0001125	CRL1506_001896	CRL681_001508	MPL16_001714	TL2766_001466	WCFS1_000630
OG0001126	CRL1506_001897	CRL681_001509	MPL16_001713	TL2766_001465	WCFS1_000631
OG0001127	CRL1506_001898	CRL681_001510	MPL16_001712	TL2766_001464	WCFS1_000632
OG0001128	CRL1506_001899	CRL681_001511	MPL16_001711	TL2766_001463	WCFS1_000633
OG0001129	CRL1506_001900	CRL681_001512	MPL16_001710	TL2766_001462	WCFS1_000634
OG0001130	CRL1506_001901	CRL681_001513	MPL16_001709	TL2766_001461	WCFS1_000635
OG0001131	CRL1506_001902	CRL681_001514	MPL16_001708	TL2766_001460	WCFS1_000636
OG0001132	CRL1506_001903	CRL681_001515	MPL16_001707	TL2766_001459	WCFS1_000637
OG0001133	CRL1506_001904	CRL681_001516	MPL16_001706	TL2766_001458	WCFS1_000638
OG0001134	CRL1506_001905	CRL681_001517	MPL16_001705	TL2766_001457	WCFS1_000639
OG0001135	CRL1506_001906	CRL681_001518	MPL16_001704	TL2766_001456	WCFS1_000640
OG0002434	CRL1506_001907	CRL681_001519		TL2766_001455	WCFS1_000641
OG0001136	CRL1506_001908	CRL681_001520	MPL16_003221	TL2766_001454	WCFS1_000642
OG0001137	CRL1506_001909	CRL681_001521	MPL16_000829	TL2766_001453	WCFS1_000643
OG0001138	CRL1506_001910	CRL681_001522	MPL16_000830	TL2766_001452	WCFS1_000644
OG0001139	CRL1506_001911	CRL681_001523	MPL16_000831	TL2766_001451	WCFS1_000645
OG0001140	CRL1506_001912	CRL681_001524	MPL16_000832	TL2766_001450	WCFS1_000646
OG0001141	CRL1506_001913	CRL681_001525	MPL16_000833	TL2766_001449	WCFS1_000647
OG0001723	CRL1506_001914	CRL681_001526	MPL16_000834	TL2766_001448	WCFS1_000648
OG0001142	CRL1506_001915	CRL681_001527	MPL16_000835	TL2766_001447	WCFS1_000649
OG0001143	CRL1506_001916	CRL681_001528	MPL16_000836	TL2766_001446	WCFS1_000650
OG0001144	CRL1506_001917	CRL681_001529	MPL16_000837	TL2766_001445	WCFS1_000651
OG0001145	CRL1506_001918	CRL681_001530	MPL16_000838	TL2766_001444	WCFS1_000652
OG0001146	CRL1506_001919	CRL681_001531	MPL16_000839	TL2766_001443	WCFS1_000653

OG0001147	CRL1506_001920	CRL681_001532	MPL16_000840	TL2766_001442	WCFS1_000654
OG0001148	CRL1506_001921	CRL681_001533	MPL16_000841	TL2766_001441	WCFS1_000655
OG0001149	CRL1506_001922	CRL681_001534	MPL16_000842	TL2766_001440	WCFS1_000656
OG0001150	CRL1506_001923	CRL681_001535	MPL16_000843	TL2766_001439	WCFS1_000657
OG0000166	CRL1506_001924	CRL681_001536	MPL16_000844, MPL16_001119	TL2766_001438	WCFS1_000658
OG0001151	CRL1506_001925	CRL681_001537	MPL16_000845	TL2766_001437	WCFS1_000659
OG0001152	CRL1506_001926	CRL681_001538	MPL16_000846	TL2766_001436	WCFS1_000660
OG0001153	CRL1506_001927	CRL681_001539	MPL16_000847	TL2766_001435	WCFS1_000661
OG0000015	CRL1506_000995, CRL1506_001928	CRL681_001118, CRL681_001540	MPL16_000170, MPL16_000848	TL2766_001434, TL2766_002776	WCFS1_000662, WCFS1_001656, WCFS1_003127
OG0001154	CRL1506_001935	CRL681_001547	MPL16_000849	TL2766_001433	WCFS1_000663
OG0001155	CRL1506_001936	CRL681_001548	MPL16_000850	TL2766_001432	WCFS1_000664
OG0001156	CRL1506_001937	CRL681_001549	MPL16_000851	TL2766_001431	WCFS1_000665
OG0001157	CRL1506_001938	CRL681_001550	MPL16_000852	TL2766_001430	WCFS1_000666
OG0001158	CRL1506_001939	CRL681_001551	MPL16_000853	TL2766_001429	WCFS1_000667
OG0001159	CRL1506_001940	CRL681_001552	MPL16_000854	TL2766_001428	WCFS1_000668
OG0001160	CRL1506_001941	CRL681_001553	MPL16_000855	TL2766_001427	WCFS1_000669
OG0000167	CRL1506_001942	CRL681_001554	MPL16_000856, MPL16_003115	TL2766_001426	WCFS1_000670
OG0001161	CRL1506_001943	CRL681_001555	MPL16_000857	TL2766_001425	WCFS1_000671
OG0001162	CRL1506_001944	CRL681_001556	MPL16_000858	TL2766_001424	WCFS1_000672
OG0001163	CRL1506_001945	CRL681_001557	MPL16_000859	TL2766_001423	WCFS1_000673
OG0001164	CRL1506_001946	CRL681_001558	MPL16_000860	TL2766_001422	WCFS1_000674
OG0001165	CRL1506_001947	CRL681_001559	MPL16_000861	TL2766_001421	WCFS1_000675
OG0001166	CRL1506_001948	CRL681_001560	MPL16_000862	TL2766_001420	WCFS1_000676
OG0001167	CRL1506_001949	CRL681_001561	MPL16_000863	TL2766_001419	WCFS1_000677
OG0001168	CRL1506_001950	CRL681_001562	MPL16_000864	TL2766_001418	WCFS1_000678
OG0001169	CRL1506_001951	CRL681_001563	MPL16_000865	TL2766_001417	WCFS1_000679
OG0001170	CRL1506_001952	CRL681_001564	MPL16_000866	TL2766_001416	WCFS1_000680
OG0001171	CRL1506_001953	CRL681_001565	MPL16_000867	TL2766_001415	WCFS1_000681
OG0000168	CRL1506_001954	CRL681_001566	MPL16_000259, MPL16_000868	TL2766_001414	WCFS1_000682

OG0001172	CRL1506_001955	CRL681_001567	MPL16_000869	TL2766_001413	WCFS1_000683
OG0001173	CRL1506_001957	CRL681_001569	MPL16_000871	TL2766_001411	WCFS1_000685
OG0001174	CRL1506_001958	CRL681_001570	MPL16_000872	TL2766_001410	WCFS1_000686
OG0000085	CRL1506_001959	CRL681_001571, CRL681_002226	MPL16_000513, MPL16_000873	TL2766_001409	WCFS1_000687
OG0001175	CRL1506_001960	CRL681_001572	MPL16_000874	TL2766_001408	WCFS1_000688
OG0001176	CRL1506_001961	CRL681_001573	MPL16_000875	TL2766_001407	WCFS1_000689
OG0001177	CRL1506_001962	CRL681_001574	MPL16_000876	TL2766_001406	WCFS1_000690
OG0001178	CRL1506_001963	CRL681_001575	MPL16_000877	TL2766_001405	WCFS1_000691
OG0001179	CRL1506_001964	CRL681_001576	MPL16_000878	TL2766_001404	WCFS1_000692
OG0001180	CRL1506_001965	CRL681_001577	MPL16_000879	TL2766_001403	WCFS1_000693
OG0001181	CRL1506_001966	CRL681_001578	MPL16_000880	TL2766_001402	WCFS1_000694
OG0001182	CRL1506_001967	CRL681_001579	MPL16_000881	TL2766_001401	WCFS1_000695
OG0001183	CRL1506_001968	CRL681_001580	MPL16_000882	TL2766_001400	WCFS1_000696
OG0002435	CRL1506_001969		MPL16_001407	TL2766_001399	WCFS1_000697
OG0001184	CRL1506_001970	CRL681_001582	MPL16_000883	TL2766_001398	WCFS1_000698
OG0000029	CRL1506_001404, CRL1506_001971	CRL681_000989, CRL681_001583	MPL16_000027, MPL16_000884	TL2766_001134, TL2766_001397	WCFS1_000699, WCFS1_001801
OG0001185	CRL1506_001972	CRL681_001584	MPL16_000885	TL2766_001396	WCFS1_000700
OG0001186	CRL1506_001973	CRL681_001585	MPL16_000886	TL2766_001395	WCFS1_000701
OG0001187	CRL1506_001974	CRL681_001586	MPL16_000887	TL2766_001394	WCFS1_000702
OG0001188	CRL1506_001975	CRL681_001587	MPL16_000888	TL2766_001393	WCFS1_000703
OG0001189	CRL1506_001976	CRL681_001588	MPL16_000889	TL2766_001392	WCFS1_000704
OG0001190	CRL1506_001977	CRL681_001589	MPL16_000890	TL2766_001391	WCFS1_000705
OG0001191	CRL1506_001978	CRL681_001590	MPL16_000891	TL2766_001390	WCFS1_000706
OG0001192	CRL1506_001979	CRL681_001591	MPL16_000892	TL2766_001389	WCFS1_000707
OG0001193	CRL1506_001980	CRL681_001592	MPL16_000361	TL2766_001388	WCFS1_000708
OG0001194	CRL1506_001981	CRL681_001593	MPL16_000362	TL2766_001387	WCFS1_000709
OG0001195	CRL1506_001982	CRL681_001594	MPL16_000363	TL2766_001386	WCFS1_000710
OG0001196	CRL1506_001983	CRL681_001595	MPL16_000364	TL2766_001385	WCFS1_000711
OG0001197	CRL1506_001984	CRL681_001596	MPL16_000365	TL2766_001384	WCFS1_000712
OG0001198	CRL1506_001985	CRL681_001597	MPL16_000366	TL2766_001383	WCFS1_000713
OG0001199	CRL1506_001986	CRL681_001598	MPL16_000367	TL2766_001382	WCFS1_000714
OG0001200	CRL1506_001987	CRL681_001599	MPL16_000368	TL2766_001381	WCFS1_000715

OG0001201	CRL1506_001988	CRL681_001600	MPL16_002534	TL2766_001380	WCFS1_000716
OG0001202	CRL1506_001989	CRL681_001601	MPL16_002533	TL2766_001379	WCFS1_000717
OG0001203	CRL1506_001990	CRL681_001602	MPL16_002532	TL2766_001378	WCFS1_000718
OG0000706	CRL1506_001301	CRL681_001603	MPL16_002531	TL2766_001377	WCFS1_000719
OG0000145	CRL1506_001300	CRL681_001604	MPL16_000282, MPL16_002530	TL2766_001376	WCFS1_000720
OG0000705	CRL1506_001299	CRL681_001605	MPL16_002529	TL2766_001375	WCFS1_000721
OG0002379	CRL1506_001298	CRL681_001606		TL2766_001374	WCFS1_000722
OG0002378	CRL1506_001297	CRL681_001607		TL2766_001373	WCFS1_000723
OG0002687	CRL1506_001296	CRL681_001608			WCFS1_000724
OG0002678	CRL1506_001295	CRL681_001609			WCFS1_000725
OG0000704	CRL1506_001293	CRL681_001611	MPL16_002165	TL2766_001370	WCFS1_000727
OG0000703	CRL1506_001291	CRL681_001613	MPL16_002163	TL2766_001368	WCFS1_000729
OG0000702	CRL1506_001290	CRL681_001614	MPL16_002162	TL2766_001367	WCFS1_000730
OG0000701	CRL1506_001289	CRL681_001615	MPL16_002161	TL2766_001366	WCFS1_000731
OG0000700	CRL1506_001288	CRL681_001616	MPL16_002160	TL2766_001365	WCFS1_000732
OG0000699	CRL1506_001287	CRL681_001617	MPL16_002159	TL2766_001364	WCFS1_000733
OG0000698	CRL1506_001286	CRL681_001618	MPL16_002158	TL2766_001363	WCFS1_000734
OG0000697	CRL1506_001285	CRL681_001619	MPL16_002157	TL2766_001362	WCFS1_000735
OG0000696	CRL1506_001284	CRL681_001620	MPL16_002156	TL2766_001361	WCFS1_000736
OG0001019	CRL1506_001283	CRL681_001621	MPL16_002155	TL2766_001360	WCFS1_000737
OG0000695	CRL1506_001282	CRL681_001622	MPL16_002154	TL2766_001359	WCFS1_000738
OG0000694	CRL1506_001281	CRL681_001623	MPL16_002153	TL2766_001358	WCFS1_000739
OG0000693	CRL1506_001280	CRL681_001624	MPL16_002152	TL2766_001357	WCFS1_000740
OG0002377	CRL1506_001279	CRL681_001625		TL2766_001356	WCFS1_000741
OG0000692	CRL1506_001278	CRL681_001626	MPL16_002150	TL2766_001355	WCFS1_000742
OG0000073	CRL1506_000096, CRL1506_001277	CRL681_001627	MPL16_002149	TL2766_001354	WCFS1_000743, WCFS1_002477
OG0000691	CRL1506_001276	CRL681_001628	MPL16_002353	TL2766_001353	WCFS1_000744
OG0000690	CRL1506_001275	CRL681_001629	MPL16_002354	TL2766_001352	WCFS1_000745
OG0000689	CRL1506_001274	CRL681_001630	MPL16_002355	TL2766_001351	WCFS1_000746
OG0000688	CRL1506_001273	CRL681_001631	MPL16_002356	TL2766_001350	WCFS1_000747
OG0000687	CRL1506_001272	CRL681_001632	MPL16_002357	TL2766_001349	WCFS1_000748
OG0000686	CRL1506_001271	CRL681_001633	MPL16_002358	TL2766_001348	WCFS1_000749

OG0000027	CRL1506_001270, CRL1506_002979	CRL681_001634, CRL681_002175	MPL16_000771, MPL16_002359	TL2766_001347, TL2766_003027	WCFS1_000750, WCFS1_001414
OG0000685	CRL1506_001269	CRL681_001635	MPL16_002360	TL2766_001346	WCFS1_000751
OG0000684	CRL1506_001268	CRL681_001636	MPL16_002361	TL2766_001345	WCFS1_000752
OG0000683	CRL1506_001267	CRL681_001637	MPL16_002362	TL2766_001344	WCFS1_000753
OG0000682	CRL1506_001266	CRL681_001638	MPL16_002363	TL2766_001343	WCFS1_000754
OG0000681	CRL1506_001265	CRL681_001639	MPL16_002364	TL2766_001342	WCFS1_000755
OG0000144	CRL1506_001264	CRL681_001640, CRL681_003196	MPL16_002365	TL2766_001341	WCFS1_000756
OG0000680	CRL1506_001263	CRL681_001641	MPL16_002366	TL2766_001340	WCFS1_000757
OG0000679	CRL1506_001262	CRL681_001642	MPL16_002367	TL2766_001339	WCFS1_000758
OG0000158	CRL1506_001258	CRL681_001647	MPL16_000511, MPL16_002371	TL2766_001335	WCFS1_000762
OG0000143	CRL1506_001257	CRL681_001648	MPL16_000510, MPL16_002372	TL2766_001334	WCFS1_000763
OG0000142	CRL1506_001256	CRL681_001649	MPL16_000509, MPL16_002373	TL2766_001333	WCFS1_000764
OG0000141	CRL1506_001255	CRL681_001650	MPL16_000508, MPL16_002374	TL2766_001332	WCFS1_000765
OG0000678	CRL1506_001254	CRL681_001651	MPL16_002375	TL2766_001331	WCFS1_000766
OG0001018	CRL1506_001253	CRL681_001652	MPL16_002376	TL2766_001330	WCFS1_000767
OG0000677	CRL1506_001252	CRL681_001653	MPL16_002377	TL2766_001329	WCFS1_000768
OG0000676	CRL1506_001251	CRL681_001654	MPL16_002378	TL2766_001328	WCFS1_000769
OG0002374	CRL1506_001250	CRL681_001655		TL2766_001327	WCFS1_000770
OG0000675	CRL1506_001249	CRL681_001656	MPL16_002380	TL2766_001326	WCFS1_000771
OG0000674	CRL1506_001248	CRL681_001657	MPL16_002381	TL2766_001325	WCFS1_000772
OG0000673	CRL1506_001247	CRL681_001658	MPL16_002382	TL2766_001324	WCFS1_000773
OG0000672	CRL1506_001246	CRL681_001659	MPL16_002383	TL2766_001323	WCFS1_000774
OG0001017	CRL1506_001245	CRL681_001660	MPL16_002384	TL2766_001322	WCFS1_000775
OG0000671	CRL1506_001244	CRL681_001661	MPL16_003227	TL2766_001321	WCFS1_000776
OG0000670	CRL1506_001243	CRL681_001662	MPL16_001907	TL2766_001320	WCFS1_000777
OG0000669	CRL1506_001242	CRL681_001663	MPL16_001906	TL2766_001319	WCFS1_000778
OG0000668	CRL1506_001241	CRL681_001664	MPL16_001905	TL2766_001318	WCFS1_000779
OG0000667	CRL1506_001240	CRL681_001665	MPL16_001904	TL2766_001317	WCFS1_000780

OG0000666	CRL1506_001239	CRL681_001666	MPL16_001903	TL2766_001316	WCFS1_000781
OG0000140	CRL1506_001238	CRL681_001667	MPL16_001845, MPL16_001902	TL2766_001315	WCFS1_000782
OG0000665	CRL1506_001237	CRL681_001668	MPL16_001901	TL2766_001314	WCFS1_000783
OG0000664	CRL1506_001236	CRL681_001669	MPL16_001900	TL2766_001313	WCFS1_000784
OG0000197	CRL1506_002544	CRL681_003018		TL2766_001854	WCFS1_000785, WCFS1_002650, WCFS1_002958
OG0002666			MPL16_001771		WCFS1_000786, WCFS1_002652, WCFS1_002725
OG0000018	CRL1506_002542, CRL1506_002546	CRL681_003007, CRL681_003020	MPL16_002621	TL2766_001843, TL2766_001856	WCFS1_000787, WCFS1_002651, WCFS1_002956, WCFS1_002969
OG0000663	CRL1506_001235	CRL681_001670	MPL16_001899	TL2766_001312	WCFS1_000788
OG0000662	CRL1506_001234	CRL681_001671	MPL16_001898	TL2766_001311	WCFS1_000789
OG0000139	CRL1506_001233	CRL681_001672	MPL16_000383, MPL16_001897	TL2766_001310	WCFS1_000791
OG0000661	CRL1506_001232	CRL681_001673	MPL16_001896	TL2766_001309	WCFS1_000792
OG0000660	CRL1506_001231	CRL681_001674	MPL16_001895	TL2766_001308	WCFS1_000793
OG0002795		CRL681_001677		TL2766_001305	WCFS1_000796
OG0000659	CRL1506_001223	CRL681_001678	MPL16_001892	TL2766_001304	WCFS1_000797
OG0000658	CRL1506_001222		MPL16_001891	TL2766_001303	WCFS1_000798, WCFS1_001162
OG0002373	CRL1506_001221		MPL16_001890	TL2766_001302	WCFS1_000799
OG0000657	CRL1506_001220	CRL681_001679	MPL16_001889	TL2766_001301	WCFS1_000800
OG0000656	CRL1506_001219	CRL681_001685	MPL16_001883	TL2766_001300	WCFS1_000801
OG0000655	CRL1506_001218	CRL681_001686	MPL16_001882	TL2766_001299	WCFS1_000802
OG0000654	CRL1506_001217	CRL681_001687	MPL16_001881	TL2766_001298	WCFS1_000803
OG0000653	CRL1506_001216	CRL681_001688	MPL16_001880	TL2766_001297	WCFS1_000804
OG0000652	CRL1506_001215	CRL681_001689	MPL16_001879	TL2766_001296	WCFS1_000805
OG0000651	CRL1506_001214	CRL681_001690	MPL16_001878	TL2766_001295	WCFS1_000806
OG0000650	CRL1506_001213	CRL681_001691	MPL16_001877	TL2766_001294	WCFS1_000807

OG0000649	CRL1506_001212	CRL681_001692	MPL16_001876	TL2766_001293	WCFS1_000808
OG0000648	CRL1506_001211	CRL681_001693	MPL16_001683	TL2766_001292	WCFS1_000809
OG0000647	CRL1506_001210	CRL681_001694	MPL16_001682	TL2766_001291	WCFS1_000810
OG0000646	CRL1506_001209	CRL681_001695	MPL16_001681	TL2766_001290	WCFS1_000811
OG0000645	CRL1506_001208	CRL681_001696	MPL16_001680	TL2766_001289	WCFS1_000812
OG0002635		CRL681_001697	MPL16_000326	TL2766_001288	WCFS1_000813
OG0002636		CRL681_001698	MPL16_000408	TL2766_001287	WCFS1_000814
OG0000046		CRL681_001699, CRL681_001701, CRL681_001702	MPL16_000407	TL2766_001283, TL2766_001284, TL2766_001286	WCFS1_000815, WCFS1_000817, WCFS1_000818
OG0000113		CRL681_000652, CRL681_001700, CRL681_001920	MPL16_001591	TL2766_001106, TL2766_001285	WCFS1_000816
OG0000644	CRL1506_001205		MPL16_001991, MPL16_001992	TL2766_001282	WCFS1_000819
OG0002372	CRL1506_001204		MPL16_001990	TL2766_001281	WCFS1_000820
OG0000643	CRL1506_001203	CRL681_001705	MPL16_001989	TL2766_001280	WCFS1_000821
OG0002371	CRL1506_001202	CRL681_001706		TL2766_001279	WCFS1_000822
OG0000642	CRL1506_001201	CRL681_001707	MPL16_001987	TL2766_001278	WCFS1_000823
OG0000137	CRL1506_001200, CRL1506_001840	CRL681_001708	MPL16_001986	TL2766_001277	WCFS1_000824
OG0000136	CRL1506_001199	CRL681_000575, CRL681_001709	MPL16_001985	TL2766_001276	WCFS1_000825
OG0000135	CRL1506_001198	CRL681_000576, CRL681_001710	MPL16_001984	TL2766_001275	WCFS1_000826
OG0000641	CRL1506_001197	CRL681_001711	MPL16_001983	TL2766_001274	WCFS1_000827
OG0000640	CRL1506_001196	CRL681_001712	MPL16_001982	TL2766_001273	WCFS1_000828
OG0000025	CRL1506_001195, CRL1506_002755	CRL681_001267, CRL681_001713	MPL16_001981, MPL16_003047	TL2766_001272, TL2766_003099	WCFS1_000829, WCFS1_001492
OG0000639	CRL1506_001194	CRL681_001714	MPL16_001980	TL2766_001271	WCFS1_000830
OG0000638	CRL1506_001193	CRL681_001715	MPL16_001979	TL2766_001270	WCFS1_000831
OG0000637	CRL1506_001192	CRL681_001716	MPL16_001978	TL2766_001269	WCFS1_000832
OG0002370	CRL1506_001191	CRL681_001717	MPL16_001977		WCFS1_000833
OG0000636	CRL1506_001190	CRL681_001718	MPL16_001976	TL2766_001268	WCFS1_000834

OG0000635	CRL1506_001189	CRL681_001719	MPL16_001975	TL2766_001267	WCFS1_000835
OG0000634	CRL1506_001188	CRL681_001720	MPL16_001974	TL2766_001266	WCFS1_000836
OG0000633	CRL1506_001187	CRL681_001721	MPL16_001973	TL2766_001265	WCFS1_000837
OG0000134	CRL1506_001186	CRL681_001722	MPL16_001972	TL2766_000578, TL2766_001264	WCFS1_000838
OG0000133	CRL1506_001185	CRL681_001723	MPL16_001971	TL2766_000579, TL2766_001263	WCFS1_000839
OG0000632	CRL1506_001184	CRL681_001724	MPL16_001970	TL2766_000580	WCFS1_000840
OG0000631	CRL1506_001183	CRL681_001725	MPL16_001969	TL2766_000581	WCFS1_000841
OG0001016	CRL1506_001182	CRL681_001726	MPL16_001968	TL2766_000582	WCFS1_000842
OG0000630	CRL1506_001181	CRL681_001727	MPL16_001967	TL2766_000583	WCFS1_000843
OG0002637		CRL681_001728	MPL16_001966	TL2766_000584	WCFS1_000844
OG0000132	CRL1506_001179	CRL681_001729	MPL16_000187, MPL16_001965	TL2766_000585	WCFS1_000845
OG0000629	CRL1506_001178	CRL681_001730	MPL16_001964	TL2766_000586	WCFS1_000846
OG0000628	CRL1506_001177	CRL681_001731	MPL16_001963	TL2766_000587	WCFS1_000847
OG0000627	CRL1506_001176	CRL681_001732	MPL16_001962	TL2766_000588	WCFS1_000848
OG0000050	CRL1506_001175, CRL1506_002866	CRL681_001733, CRL681_002476	MPL16_001961	TL2766_000589, TL2766_002206	WCFS1_000849, WCFS1_002610
OG0000626	CRL1506_001174	CRL681_001734	MPL16_001960	TL2766_000590	WCFS1_000850
OG0000625	CRL1506_001173	CRL681_001735	MPL16_001959	TL2766_000591	WCFS1_000851
OG0000624	CRL1506_001172	CRL681_001736	MPL16_001958	TL2766_000592	WCFS1_000852
OG0000623	CRL1506_001171	CRL681_001906	MPL16_001957	TL2766_000593	WCFS1_000853
OG0000622	CRL1506_001170	CRL681_001738	MPL16_001956	TL2766_000594	WCFS1_000854
OG0000131	CRL1506_001169	CRL681_001739	MPL16_001280, MPL16_001955	TL2766_000595	WCFS1_000855
OG0000621	CRL1506_001168	CRL681_001740	MPL16_001954	TL2766_000596	WCFS1_000856
OG0000620	CRL1506_001167	CRL681_001741	MPL16_001953	TL2766_000597	WCFS1_000857
OG0000619	CRL1506_001166	CRL681_001742	MPL16_001952	TL2766_000598	WCFS1_000858
OG0000618	CRL1506_001164	CRL681_001744	MPL16_001950	TL2766_000600	WCFS1_000860
OG0000617	CRL1506_001163	CRL681_001745	MPL16_001949	TL2766_000601	WCFS1_000861
OG0000616	CRL1506_001162	CRL681_001746	MPL16_001948	TL2766_000602	WCFS1_000862
OG0001015	CRL1506_001161	CRL681_001747	MPL16_001947	TL2766_000603	WCFS1_000863
OG0000615	CRL1506_001160	CRL681_001748	MPL16_001946	TL2766_000604	WCFS1_000864

OG0000614	CRL1506_001159	CRL681_001749	MPL16_001945	TL2766_000605	WCFS1_000865
OG0000613	CRL1506_001158	CRL681_001750	MPL16_001944	TL2766_000606	WCFS1_000866
OG0000612	CRL1506_001157	CRL681_001751	MPL16_001943	TL2766_000607	WCFS1_000867
OG0000611	CRL1506_001156	CRL681_001752	MPL16_001942	TL2766_000608	WCFS1_000868
OG0000610	CRL1506_001155	CRL681_001754	MPL16_001941	TL2766_000609	WCFS1_000869
OG0000609	CRL1506_001154	CRL681_001755	MPL16_001940	TL2766_000610	WCFS1_000870
OG0000608	CRL1506_001153	CRL681_001756	MPL16_001939	TL2766_000611	WCFS1_000871
OG0000607	CRL1506_001145	CRL681_001764	MPL16_001931	TL2766_000619	WCFS1_000879
OG0000606	CRL1506_001144	CRL681_001765	MPL16_001930	TL2766_000620	WCFS1_000880
OG0000605	CRL1506_001143	CRL681_001766	MPL16_001929	TL2766_000621	WCFS1_000881
OG0000604	CRL1506_001142	CRL681_001767	MPL16_001928	TL2766_000622	WCFS1_000882
OG0000603	CRL1506_001141	CRL681_001768	MPL16_001927	TL2766_000623	WCFS1_000883
OG0000602	CRL1506_001140	CRL681_001769	MPL16_001926	TL2766_000624	WCFS1_000884
OG0000601	CRL1506_001139	CRL681_001770	MPL16_001925	TL2766_000625	WCFS1_000885
OG0000600	CRL1506_001138	CRL681_001771	MPL16_001924	TL2766_000626	WCFS1_000886
OG0000599	CRL1506_001137	CRL681_001772	MPL16_001923	TL2766_000627	WCFS1_000887
OG0000598	CRL1506_001136	CRL681_001773	MPL16_001350	TL2766_000628	WCFS1_000888
OG0000597	CRL1506_001135	CRL681_001774	MPL16_001351	TL2766_000629	WCFS1_000889
OG0000596	CRL1506_001134	CRL681_001775	MPL16_001352	TL2766_000630	WCFS1_000890
OG0000595	CRL1506_001133	CRL681_001776	MPL16_001353	TL2766_000631	WCFS1_000891
OG0000594	CRL1506_001132	CRL681_001777	MPL16_001354	TL2766_000632	WCFS1_000892
OG0000593	CRL1506_001131	CRL681_001778	MPL16_001355	TL2766_000633	WCFS1_000893
OG0000592	CRL1506_001130	CRL681_001779	MPL16_001356	TL2766_000634	WCFS1_000894
OG0000591	CRL1506_001129	CRL681_001780	MPL16_001357	TL2766_000635	WCFS1_000895
OG0000590	CRL1506_001128	CRL681_001781	MPL16_001358	TL2766_000636	WCFS1_000896
OG0000589	CRL1506_001127	CRL681_001782	MPL16_001359	TL2766_000637	WCFS1_000897
OG0000588	CRL1506_001126	CRL681_001783	MPL16_001360	TL2766_000638	WCFS1_000898
OG0000587	CRL1506_001125	CRL681_001784	MPL16_001361	TL2766_000639	WCFS1_000899
OG0000586	CRL1506_001124	CRL681_001785	MPL16_001362	TL2766_000640	WCFS1_000900
OG0000585	CRL1506_001123	CRL681_001786	MPL16_001363	TL2766_000641	WCFS1_000901
OG0000584	CRL1506_001122	CRL681_001787	MPL16_001364	TL2766_000642	WCFS1_000902
OG0000583	CRL1506_001121	CRL681_001788	MPL16_001365	TL2766_000643	WCFS1_000903
OG0000582	CRL1506_001120	CRL681_001789	MPL16_001366	TL2766_000644	WCFS1_000904
OG0000581	CRL1506_001119	CRL681_001790	MPL16_001367	TL2766_000645	WCFS1_000905

OG0000580	CRL1506_001118	CRL681_001791	MPL16_001368	TL2766_000646	WCFS1_000906
OG0000579	CRL1506_001117	CRL681_001792	MPL16_001369	TL2766_000647	WCFS1_000907
OG0000578	CRL1506_001116	CRL681_001793	MPL16_001370	TL2766_000648	WCFS1_000908
OG0000577	CRL1506_001115	CRL681_001794	MPL16_001371	TL2766_000649	WCFS1_000909
OG0000576	CRL1506_001114	CRL681_001795	MPL16_001372	TL2766_000650	WCFS1_000910
OG0000575	CRL1506_001113	CRL681_001796	MPL16_001373	TL2766_000651	WCFS1_000911
OG0000574	CRL1506_001112	CRL681_001797	MPL16_001374	TL2766_000652	WCFS1_000912
OG0000573	CRL1506_001111	CRL681_001798	MPL16_001375	TL2766_000653	WCFS1_000913
OG0000572	CRL1506_001110	CRL681_001799	MPL16_001376	TL2766_000654	WCFS1_000914
OG0000571	CRL1506_001109	CRL681_001800	MPL16_001377	TL2766_000655	WCFS1_000915
OG0000570	CRL1506_001108	CRL681_001801	MPL16_001378	TL2766_000656	WCFS1_000916
OG0000002	CRL1506_000643, CRL1506_000672, CRL1506_000774, CRL1506_001023, CRL1506_001056, CRL1506_001065, CRL1506_001302, CRL1506_001991, CRL1506_002127, CRL1506_002697			TL2766_000448, TL2766_001501, TL2766_001755, TL2766_002001, TL2766_002747	WCFS1_000917, WCFS1_001114, WCFS1_001251, WCFS1_001319, WCFS1_001845, WCFS1_002239, WCFS1_002572, WCFS1_002786
OG0000569	CRL1506_001107	CRL681_001802	MPL16_001379	TL2766_000657	WCFS1_000918
OG0000568	CRL1506_001106	CRL681_001803	MPL16_001380	TL2766_000658	WCFS1_000919
OG0000567	CRL1506_001105	CRL681_001804	MPL16_001381	TL2766_000659	WCFS1_000920
OG0000566	CRL1506_001104	CRL681_001805	MPL16_001382	TL2766_000660	WCFS1_000921
OG0000565	CRL1506_001103	CRL681_001806	MPL16_001383	TL2766_000661	WCFS1_000922
OG0000564	CRL1506_001102	CRL681_001807	MPL16_001384	TL2766_000662	WCFS1_000923
OG0000563	CRL1506_001101	CRL681_001808	MPL16_001385	TL2766_000663	WCFS1_000924
OG0000562	CRL1506_001100	CRL681_001809	MPL16_001386	TL2766_000664	WCFS1_000925
OG0000561	CRL1506_001099	CRL681_001810	MPL16_001387	TL2766_000665	WCFS1_000926
OG0000560	CRL1506_001098	CRL681_001811	MPL16_001388	TL2766_000666	WCFS1_000927
OG0000559	CRL1506_001097	CRL681_001812	MPL16_001389	TL2766_000667	WCFS1_000928
OG0000558	CRL1506_001096	CRL681_001813	MPL16_001390	TL2766_000668	WCFS1_000929
OG0000557	CRL1506_001095	CRL681_001814	MPL16_001391	TL2766_000669	WCFS1_000930

OG0000556	CRL1506_001093	CRL681_001816	MPL16_001393	TL2766_000671	WCFS1_000932
OG0002368	CRL1506_001091	CRL681_001818		TL2766_000673	WCFS1_000934
OG0000555	CRL1506_001090	CRL681_001819	MPL16_001396	TL2766_000674	WCFS1_000935
OG0000554	CRL1506_001089	CRL681_001820	MPL16_001397	TL2766_000675	WCFS1_000936
OG0000048	CRL1506_001077, CRL1506_001088	CRL681_001832	MPL16_001398, MPL16_001410	TL2766_000676, TL2766_000687	WCFS1_000937, WCFS1_000948
OG0000049	CRL1506_001087, CRL1506_001500	CRL681_002028	MPL16_000619, MPL16_001399	TL2766_000677, TL2766_002878	WCFS1_000938, WCFS1_001268
OG0000553	CRL1506_001086	CRL681_001823	MPL16_001400	TL2766_000678	WCFS1_000939
OG0000552	CRL1506_001085	CRL681_001824	MPL16_001401	TL2766_000679	WCFS1_000940
OG0000551	CRL1506_001084	CRL681_001825	MPL16_001402	TL2766_000680	WCFS1_000941
OG0000550	CRL1506_001083	CRL681_001826	MPL16_001403	TL2766_000681	WCFS1_000942
OG0000549	CRL1506_001082	CRL681_001827	MPL16_001404	TL2766_000682	WCFS1_000943
OG0001014	CRL1506_001081	CRL681_001828	MPL16_001405	TL2766_000683	WCFS1_000944
OG0000548	CRL1506_001080	CRL681_001829	MPL16_001406	TL2766_000684	WCFS1_000945
OG0000129	CRL1506_001079	CRL681_001830, CRL681_002242	MPL16_001408	TL2766_000685	WCFS1_000946
OG0000547	CRL1506_001078	CRL681_001831	MPL16_001409	TL2766_000686	WCFS1_000947
OG0000546	CRL1506_001076	CRL681_001833	MPL16_001411	TL2766_000688	WCFS1_000949
OG0000545	CRL1506_001075	CRL681_001834	MPL16_001412	TL2766_000689	WCFS1_000950
OG0000544	CRL1506_001074	CRL681_001835	MPL16_001413	TL2766_000690	WCFS1_000951
OG0000543	CRL1506_001073	CRL681_001836	MPL16_001414	TL2766_000691	WCFS1_000952
OG0000542	CRL1506_001072	CRL681_001837	MPL16_001415	TL2766_000692	WCFS1_000953
OG0000541	CRL1506_001071	CRL681_001838	MPL16_001416	TL2766_000693	WCFS1_000954
OG0000062	CRL1506_000339, CRL1506_002080	CRL681_000136, CRL681_002270		TL2766_001959	WCFS1_000955, WCFS1_002042, WCFS1_002398
OG0000540	CRL1506_001069	CRL681_001843	MPL16_001417	TL2766_000697	WCFS1_000956
OG0000128	CRL1506_001068	CRL681_001844	MPL16_001418, MPL16_002619	TL2766_000698	WCFS1_000957
OG0000539	CRL1506_001067	CRL681_001845	MPL16_001419	TL2766_000699	WCFS1_000958
OG0000538	CRL1506_001066	CRL681_001846	MPL16_001420	TL2766_000700	WCFS1_000959
OG0002249	CRL1506_000644	CRL681_001847	MPL16_001421	TL2766_000701	WCFS1_000960
OG0002250	CRL1506_000645	CRL681_001848	MPL16_001422	TL2766_000702	WCFS1_000961

OG0002251	CRL1506_000646	CRL681_001849	MPL16_001423	TL2766_000703	WCFS1_000962
OG0002252	CRL1506_000647	CRL681_001850	MPL16_001424	TL2766_000704	WCFS1_000963
OG0002253	CRL1506_000648	CRL681_001853	MPL16_001425	TL2766_000705	WCFS1_000964
OG0002254	CRL1506_000649	CRL681_001854	MPL16_001426	TL2766_000706	WCFS1_000965
OG0002255	CRL1506_000650	CRL681_001855	MPL16_001427	TL2766_000707	WCFS1_000966
OG0002256	CRL1506_000651	CRL681_001856	MPL16_001428	TL2766_000708	WCFS1_000967
OG0002257	CRL1506_000652	CRL681_001857	MPL16_001429	TL2766_000709	WCFS1_000968
OG0002258	CRL1506_000653	CRL681_001858	MPL16_001430	TL2766_000710	WCFS1_000969
OG0002259	CRL1506_000654	CRL681_001859	MPL16_001431	TL2766_000711	WCFS1_000970
OG0002260	CRL1506_000656	CRL681_001861	MPL16_001434	TL2766_000713	WCFS1_000972
OG0002261	CRL1506_000657	CRL681_001862	MPL16_001435	TL2766_000714	WCFS1_000973
OG0002262	CRL1506_000658	CRL681_001863	MPL16_001436	TL2766_000715	WCFS1_000974
OG0002263	CRL1506_000659	CRL681_001864	MPL16_001437	TL2766_000716	WCFS1_000975
OG0002264	CRL1506_000660	CRL681_001865	MPL16_001438	TL2766_000717	WCFS1_000976
OG0002265	CRL1506_000661	CRL681_001866	MPL16_001439	TL2766_000718	WCFS1_000977
OG0002266	CRL1506_000662	CRL681_001867	MPL16_001440	TL2766_000719	WCFS1_000978
OG0002267	CRL1506_000663	CRL681_001868	MPL16_001441	TL2766_000720	WCFS1_000979
OG0002268	CRL1506_000664	CRL681_001869	MPL16_001442	TL2766_000721	WCFS1_000980
OG0002269	CRL1506_000665	CRL681_001870	MPL16_001443	TL2766_000722	WCFS1_000981
OG0002270	CRL1506_000666	CRL681_001871	MPL16_001444	TL2766_000723	WCFS1_000982
OG0002271	CRL1506_000667	CRL681_001872	MPL16_001445	TL2766_000724	WCFS1_000983
OG0002272	CRL1506_000668	CRL681_001873	MPL16_001446	TL2766_000725	WCFS1_000984
OG0002273	CRL1506_000669	CRL681_001874	MPL16_001447	TL2766_000726	WCFS1_000985
OG0002274	CRL1506_000670	CRL681_001875	MPL16_001448	TL2766_000727	WCFS1_000986
OG0000242	CRL1506_000671	CRL681_001876	MPL16_001452	TL2766_000728, TL2766_002158	WCFS1_000987
OG0002248	CRL1506_000642	CRL681_001877	MPL16_001453	TL2766_000729	WCFS1_000988
OG0000241	CRL1506_000641	CRL681_001128, CRL681_001878	MPL16_001456	TL2766_000730	WCFS1_000989
OG0000240	CRL1506_000640	CRL681_001129, CRL681_001879	MPL16_001457	TL2766_000731	WCFS1_000990
OG0002247	CRL1506_000639	CRL681_001880	MPL16_001458	TL2766_000732	WCFS1_000991
OG0002246	CRL1506_000638	CRL681_001881	MPL16_001459	TL2766_000733	WCFS1_000992
OG0002245	CRL1506_000637	CRL681_001882	MPL16_001460	TL2766_000734	WCFS1_000993

OG0002244	CRL1506_000635	CRL681_001884	MPL16_001462	TL2766_000736	WCFS1_000995
OG0002243	CRL1506_000634	CRL681_001885	MPL16_001463	TL2766_000737	WCFS1_000996
OG0002242	CRL1506_000632	CRL681_001887	MPL16_001467	TL2766_000739	WCFS1_000998
OG0002241	CRL1506_000631	CRL681_001888	MPL16_001468	TL2766_000740	WCFS1_000999
OG0000239	CRL1506_000630	CRL681_001889	MPL16_001469	TL2766_000741, TL2766_002956	WCFS1_001000
OG0002240	CRL1506_000629	CRL681_001890	MPL16_001470	TL2766_000742	WCFS1_001001
OG0002239	CRL1506_000628	CRL681_001891	MPL16_001471	TL2766_000743	WCFS1_001002
OG0002238	CRL1506_000627	CRL681_001892	MPL16_001472	TL2766_000744	WCFS1_001003
OG0002237	CRL1506_000626	CRL681_001893	MPL16_002123	TL2766_000745	WCFS1_001004
OG0000105	CRL1506_000555, CRL1506_000625	CRL681_000740	MPL16_002124, MPL16_002569	TL2766_000746	WCFS1_001005
OG0002236	CRL1506_000624	CRL681_001895	MPL16_002125	TL2766_000747	WCFS1_001006
OG0002235	CRL1506_000623	CRL681_001896	MPL16_002126	TL2766_000748	WCFS1_001007
OG0000108	CRL1506_000578, CRL1506_000621	CRL681_000760	MPL16_002546	TL2766_000783	WCFS1_001009, WCFS1_001044
OG0003482					WCFS1_001010
OG0003483					WCFS1_001011
OG0000069	CRL1506_000568, CRL1506_000612	CRL681_000753, CRL681_000766	MPL16_002556	TL2766_000793	WCFS1_001012, WCFS1_001054
OG0000107	CRL1506_000572, CRL1506_000616	CRL681_000754	MPL16_002552	TL2766_000789	WCFS1_001013, WCFS1_001050
OG0002227	CRL1506_000573	CRL681_000755		TL2766_000788	WCFS1_001014, WCFS1_001049
OG0003484					WCFS1_001015
OG0000031	CRL1506_000602, CRL1506_000615, CRL1506_001411	CRL681_000996	MPL16_003096	TL2766_001127	WCFS1_001016, WCFS1_001032, WCFS1_001036, WCFS1_001794
OG0002961		CRL681_000768			WCFS1_001017
OG0003485					WCFS1_001018
OG0002343		CRL681_000765, CRL681_000781	MPL16_003091	TL2766_000762	WCFS1_001019
OG0002788		CRL681_000782		TL2766_000761	WCFS1_001020

OG0002629		CRL681_000780	MPL16_003092	TL2766_000763	WCFS1_001021
OG0002234	CRL1506_000609	CRL681_000779	MPL16_003093	TL2766_000764	WCFS1_001022
OG0002628		CRL681_000778	MPL16_003094	TL2766_000765	WCFS1_001023
OG0002600	CRL1506_000608	CRL681_000776		TL2766_000767	WCFS1_001026
OG0002233	CRL1506_000607	CRL681_000775	MPL16_003086	TL2766_000768	WCFS1_001027
OG0000030	CRL1506_000606, CRL1506_000619, CRL1506_001407	CRL681_000774, CRL681_000992	MPL16_003087	TL2766_000769, TL2766_001131	WCFS1_001028, WCFS1_001798
OG0000052	CRL1506_000605, CRL1506_001408	CRL681_000773, CRL681_000993	MPL16_003088	TL2766_000770, TL2766_001130	WCFS1_001029, WCFS1_001797
OG0000076	CRL1506_000604, CRL1506_001409	CRL681_000994		TL2766_000771, TL2766_001129	WCFS1_001030, WCFS1_001796
OG0000077	CRL1506_000603, CRL1506_001410	CRL681_000995		TL2766_000772, TL2766_001128	WCFS1_001031, WCFS1_001795
OG0003033			MPL16_003098		WCFS1_001033
OG0003486					WCFS1_001034
OG0002632		CRL681_000777		TL2766_000766, TL2766_000779	WCFS1_001035
OG0002599	CRL1506_000596	CRL681_000764		TL2766_000780	WCFS1_001037
OG0003487					WCFS1_001038
OG0002960		CRL681_000763			WCFS1_001039
OG0002232	CRL1506_000580, CRL1506_000613	CRL681_000762		TL2766_000781	WCFS1_001042
OG0002231	CRL1506_000579	CRL681_000761	MPL16_002545	TL2766_000782	WCFS1_001043
OG0002230	CRL1506_000577	CRL681_000759	MPL16_002547	TL2766_000784	WCFS1_001045
OG0002229	CRL1506_000576	CRL681_000758	MPL16_002548	TL2766_000785	WCFS1_001046
OG0002228	CRL1506_000574	CRL681_000756	MPL16_002550	TL2766_000787	WCFS1_001048
OG0001366	CRL1506_000571, CRL1506_002222		MPL16_002553	TL2766_000790	WCFS1_001051
OG0002596	CRL1506_000570		MPL16_002554	TL2766_000791	WCFS1_001052
OG0000238	CRL1506_000569	CRL681_000458	MPL16_002555	TL2766_000792, TL2766_002444	WCFS1_001053
OG0000106	CRL1506_000567	CRL681_000752, CRL681_000772	MPL16_002557, MPL16_003089	TL2766_000794	WCFS1_001055

OG0002226	CRL1506_000566	CRL681_000751	MPL16_002558	TL2766_000795	WCFS1_001056
OG0002225	CRL1506_000565	CRL681_000750	MPL16_002559	TL2766_000796	WCFS1_001057
OG0002224	CRL1506_000564	CRL681_000749	MPL16_002560	TL2766_000797	WCFS1_001058
OG0002223	CRL1506_000563	CRL681_000748	MPL16_002561	TL2766_000798	WCFS1_001059
OG0002222	CRL1506_000562	CRL681_000747	MPL16_002562	TL2766_000799	WCFS1_001060
OG0002221	CRL1506_000561	CRL681_000746	MPL16_002563	TL2766_000800	WCFS1_001061
OG0002220	CRL1506_000560	CRL681_000745	MPL16_002564	TL2766_000801	WCFS1_001062
OG0002219	CRL1506_000559	CRL681_000744	MPL16_002565	TL2766_000802	WCFS1_001063
OG0002218	CRL1506_000558	CRL681_000743	MPL16_002566	TL2766_000803	WCFS1_001064
OG0002217	CRL1506_000557	CRL681_000742	MPL16_002567	TL2766_000804	WCFS1_001065
OG0002216	CRL1506_000556	CRL681_000741	MPL16_002568	TL2766_000805	WCFS1_001066
OG0002595	CRL1506_000554		MPL16_002571	TL2766_000806	WCFS1_001067
OG0002215	CRL1506_000553	CRL681_000738	MPL16_002572	TL2766_000807	WCFS1_001068
OG0002214	CRL1506_000551	CRL681_000736	MPL16_002574	TL2766_000809	WCFS1_001070
OG0002213	CRL1506_000550	CRL681_000735	MPL16_002575	TL2766_000810	WCFS1_001071
OG0002212	CRL1506_000549	CRL681_000734	MPL16_002576	TL2766_000811	WCFS1_001072
OG0002211	CRL1506_000548	CRL681_000733	MPL16_002577	TL2766_000812	WCFS1_001073
OG0002210	CRL1506_000547	CRL681_000732	MPL16_002578	TL2766_000813	WCFS1_001074
OG0002209	CRL1506_000546	CRL681_000731	MPL16_002579	TL2766_000814	WCFS1_001075
OG0002208	CRL1506_000545	CRL681_000730	MPL16_002580	TL2766_000815	WCFS1_001076
OG0002207	CRL1506_000544	CRL681_000729	MPL16_002581	TL2766_000816	WCFS1_001077
OG0002206	CRL1506_000543	CRL681_000728	MPL16_002582	TL2766_000817	WCFS1_001078
OG0002205	CRL1506_000542	CRL681_000727	MPL16_002583	TL2766_000818	WCFS1_001079
OG0002204	CRL1506_000541	CRL681_000726	MPL16_002584	TL2766_000819	WCFS1_001080
OG0002203	CRL1506_000540	CRL681_000725	MPL16_002585	TL2766_000820	WCFS1_001081
OG0002202	CRL1506_000539	CRL681_000724	MPL16_002586	TL2766_000821	WCFS1_001082
OG0002201	CRL1506_000538	CRL681_000723	MPL16_002587	TL2766_000822	WCFS1_001083
OG0002200	CRL1506_000537	CRL681_000722	MPL16_002588	TL2766_000823	WCFS1_001084
OG0002199	CRL1506_000536	CRL681_000721	MPL16_002589	TL2766_000824	WCFS1_001085
OG0002198	CRL1506_000535	CRL681_000720	MPL16_002590	TL2766_000825	WCFS1_001086
OG0002197	CRL1506_000534	CRL681_000719	MPL16_002591	TL2766_000826	WCFS1_001087
OG0002196	CRL1506_000532	CRL681_000717	MPL16_002593	TL2766_000828	WCFS1_001089
OG0002195	CRL1506_000531	CRL681_000716	MPL16_002594	TL2766_000829	WCFS1_001090
OG0002194	CRL1506_000530	CRL681_000715	MPL16_002595	TL2766_000830	WCFS1_001091

OG0002193	CRL1506_000529	CRL681_000714	MPL16_002596	TL2766_000831	WCFS1_001092
OG0002192	CRL1506_000528	CRL681_000713	MPL16_002597	TL2766_000832	WCFS1_001093
OG0002191	CRL1506_000527	CRL681_000712	MPL16_002598	TL2766_000833	WCFS1_001094
OG0002190	CRL1506_000526	CRL681_000711	MPL16_002599	TL2766_000834	WCFS1_001095
OG0002189	CRL1506_000525	CRL681_000710	MPL16_002600	TL2766_000835	WCFS1_001096
OG0002188	CRL1506_000524	CRL681_000709	MPL16_002601	TL2766_000836	WCFS1_001097
OG0000960	CRL1506_001645	CRL681_000597	MPL16_002941	TL2766_002748	WCFS1_001115
OG0000959	CRL1506_001644	CRL681_000598	MPL16_002942	TL2766_002749	WCFS1_001116
OG0000958	CRL1506_001643	CRL681_000599	MPL16_002943	TL2766_002750	WCFS1_001117
OG0000957	CRL1506_001642	CRL681_000600	MPL16_002944	TL2766_002751	WCFS1_001118
OG0000956	CRL1506_001641	CRL681_000601	MPL16_002945	TL2766_002752	WCFS1_001119
OG0000955	CRL1506_001640	CRL681_000602	MPL16_002946	TL2766_002753	WCFS1_001120
OG0000954	CRL1506_001639	CRL681_000603	MPL16_002947	TL2766_002754	WCFS1_001121
OG0000953	CRL1506_001638	CRL681_000604	MPL16_002948	TL2766_002755	WCFS1_001122
OG0000952	CRL1506_001637	CRL681_000605	MPL16_002949	TL2766_002756	WCFS1_001123
OG0000951	CRL1506_001636	CRL681_000606	MPL16_002950	TL2766_002757	WCFS1_001124
OG0000950	CRL1506_001635	CRL681_000607	MPL16_002951	TL2766_002758	WCFS1_001125
OG0001024	CRL1506_001634	CRL681_000608	MPL16_002952	TL2766_002759	WCFS1_001126
OG0000949	CRL1506_001633	CRL681_000609	MPL16_002953	TL2766_002760	WCFS1_001127
OG0002415	CRL1506_001632	CRL681_000610	MPL16_001057		WCFS1_001128
OG0002686	CRL1506_001631	CRL681_000611			WCFS1_001129
OG0002414	CRL1506_001630	CRL681_000612	MPL16_001059		WCFS1_001130
OG0002413	CRL1506_001629	CRL681_000613	MPL16_001060		WCFS1_001131
OG0002412	CRL1506_001628	CRL681_000614	MPL16_001061		WCFS1_001132
OG0000948	CRL1506_001627	CRL681_000615	MPL16_001062	TL2766_000838	WCFS1_001133
OG0000947	CRL1506_001626	CRL681_000616	MPL16_001063	TL2766_000839	WCFS1_001134
OG0000946	CRL1506_001625	CRL681_000617	MPL16_001064	TL2766_000840	WCFS1_001135
OG0000945	CRL1506_001624	CRL681_000618	MPL16_001065	TL2766_000841	WCFS1_001136
OG0000944	CRL1506_001623	CRL681_000619	MPL16_001066	TL2766_000842	WCFS1_001137
OG0000943	CRL1506_001622	CRL681_000620	MPL16_001067	TL2766_000843	WCFS1_001138
OG0000942	CRL1506_001621	CRL681_000621	MPL16_001068	TL2766_000844	WCFS1_001139
OG0000941	CRL1506_001620	CRL681_000622	MPL16_001069	TL2766_000845	WCFS1_001140
OG0000940	CRL1506_001619	CRL681_000623	MPL16_001070	TL2766_000846	WCFS1_001141
OG0000939	CRL1506_001618	CRL681_000624	MPL16_001071	TL2766_000847	WCFS1_001142

OG0000938	CRL1506_001617	CRL681_000625	MPL16_001072	TL2766_000848	WCFS1_001143
OG0000937	CRL1506_001616	CRL681_000626	MPL16_001073	TL2766_000849	WCFS1_001144
OG0000936	CRL1506_001615	CRL681_000627	MPL16_001074	TL2766_000850	WCFS1_001145
OG0000935	CRL1506_001614	CRL681_000628	MPL16_001075	TL2766_000851	WCFS1_001146
OG0000156	CRL1506_001613	CRL681_000629	MPL16_001076	TL2766_000058, TL2766_000852	WCFS1_001147
OG0000934	CRL1506_001612	CRL681_000630	MPL16_001077	TL2766_000853	WCFS1_001148
OG0002685	CRL1506_001611	CRL681_000631			WCFS1_001149
OG0002411	CRL1506_001610	CRL681_000632		TL2766_000854	WCFS1_001150
OG0002410	CRL1506_001609	CRL681_000633		TL2766_000855	WCFS1_001151
OG0002409	CRL1506_001608	CRL681_000634		TL2766_000856	WCFS1_001152
OG0000933	CRL1506_001606	CRL681_000636	MPL16_001101	TL2766_000857	WCFS1_001153
OG0002408	CRL1506_001605	CRL681_000637		TL2766_000858	WCFS1_001154
OG0002407	CRL1506_001604	CRL681_000638		TL2766_000859	WCFS1_001155
OG0002785		CRL681_000639		TL2766_000860	WCFS1_001156
OG0000232	CRL1506_000300	CRL681_000287	MPL16_000299	TL2766_002000	WCFS1_001157, WCFS1_002204
OG0003490					WCFS1_001158
OG0003488					WCFS1_001159
OG0003489					WCFS1_001161
OG0000932	CRL1506_001602	CRL681_000640	MPL16_001238	TL2766_000861	WCFS1_001163
OG0000931	CRL1506_001601	CRL681_000641	MPL16_001239	TL2766_000862	WCFS1_001164
OG0000930	CRL1506_001600	CRL681_000642	MPL16_001241	TL2766_000863	WCFS1_001165
OG0000929	CRL1506_001599	CRL681_000643	MPL16_001242	TL2766_000864	WCFS1_001166
OG0000928	CRL1506_001598	CRL681_000644	MPL16_001243	TL2766_000865	WCFS1_001167
OG0000927	CRL1506_001597	CRL681_000645	MPL16_001244	TL2766_000866	WCFS1_001168
OG0000926	CRL1506_001596	CRL681_000646	MPL16_001245	TL2766_000867	WCFS1_001169
OG0000925	CRL1506_001595	CRL681_000647	MPL16_001246	TL2766_000868	WCFS1_001170
OG0000924	CRL1506_001594	CRL681_000648	MPL16_001247	TL2766_000869	WCFS1_001171
OG0000923	CRL1506_001593	CRL681_000649	MPL16_001248	TL2766_000870	WCFS1_001172
OG0000922	CRL1506_001592	CRL681_000650	MPL16_001249	TL2766_000871	WCFS1_001173
OG0000921	CRL1506_001589	CRL681_001361	MPL16_001536	TL2766_000874	WCFS1_001176
OG0000920	CRL1506_001588	CRL681_001360	MPL16_001535	TL2766_000875	WCFS1_001177
OG0000919	CRL1506_001587	CRL681_001359	MPL16_001534	TL2766_000876	WCFS1_001178

OG0000918	CRL1506_001586	CRL681_001358	MPL16_001533	TL2766_000877	WCFS1_001179
OG0000917	CRL1506_001585	CRL681_001357	MPL16_001532	TL2766_000878	WCFS1_001180
OG0000916	CRL1506_001584	CRL681_001356	MPL16_001531	TL2766_000879	WCFS1_001181
OG0000915	CRL1506_001583	CRL681_001355	MPL16_001530	TL2766_000880	WCFS1_001182
OG0000914	CRL1506_001582	CRL681_001354	MPL16_001529	TL2766_000881	WCFS1_001183
OG0000913	CRL1506_001581	CRL681_001353	MPL16_001528	TL2766_000882	WCFS1_001184
OG0000912	CRL1506_001580	CRL681_001352	MPL16_001527	TL2766_000883	WCFS1_001185
OG0000911	CRL1506_001579	CRL681_001351	MPL16_001526	TL2766_000884	WCFS1_001186
OG0000910	CRL1506_001578	CRL681_001350	MPL16_001525	TL2766_000885	WCFS1_001187
OG0000909	CRL1506_001577	CRL681_001349	MPL16_001524	TL2766_000886	WCFS1_001188
OG0000908	CRL1506_001576	CRL681_001348	MPL16_001523	TL2766_000887	WCFS1_001189
OG0002406	CRL1506_001573	CRL681_001345	MPL16_001520		WCFS1_001192
OG0000907	CRL1506_001572	CRL681_001344	MPL16_001519	TL2766_000891	WCFS1_001193
OG0000906	CRL1506_001571	CRL681_001343	MPL16_001518	TL2766_000892	WCFS1_001194
OG0000905	CRL1506_001570	CRL681_001342	MPL16_001517	TL2766_000893	WCFS1_001195
OG0002684	CRL1506_001568		MPL16_001515		WCFS1_001197
OG0002404	CRL1506_001567	CRL681_001339	MPL16_001514		WCFS1_001198
OG0002403	CRL1506_001566	CRL681_001338	MPL16_001513		WCFS1_001199
OG0002402	CRL1506_001565	CRL681_001337	MPL16_001512		WCFS1_001200
OG0002683	CRL1506_001564	CRL681_001336			WCFS1_001201
OG0002401	CRL1506_001563	CRL681_001335	MPL16_001510		WCFS1_001202
OG0000904	CRL1506_001562	CRL681_001334	MPL16_001509	TL2766_000895	WCFS1_001203
OG0000903	CRL1506_001561	CRL681_001333	MPL16_001508	TL2766_000896	WCFS1_001204
OG0000023	CRL1506_000948, CRL1506_001560	CRL681_001071, CRL681_001332	MPL16_000121, MPL16_001507	TL2766_000897, TL2766_001000	WCFS1_001205, WCFS1_001720
OG0000902	CRL1506_001559	CRL681_001331	MPL16_001506	TL2766_000898	WCFS1_001206
OG0000901	CRL1506_001558	CRL681_001330	MPL16_001505	TL2766_000899	WCFS1_001207
OG0002400	CRL1506_001557		MPL16_001504	TL2766_000900	WCFS1_001208
OG0000900	CRL1506_001556	CRL681_001969	MPL16_001503	TL2766_000901	WCFS1_001209
OG0000899	CRL1506_001555	CRL681_001970	MPL16_001502	TL2766_000902	WCFS1_001210
OG0000898	CRL1506_001554	CRL681_001971	MPL16_001501	TL2766_000903	WCFS1_001211
OG0000897	CRL1506_001553	CRL681_001972	MPL16_001500	TL2766_000904	WCFS1_001212
OG0000896	CRL1506_001552	CRL681_001973	MPL16_001499	TL2766_000905	WCFS1_001213
OG0000895	CRL1506_001551	CRL681_001974	MPL16_001498	TL2766_000906	WCFS1_001214

OG0002399	CRL1506_001550	CRL681_001975		TL2766_000907	WCFS1_001215
OG0002398	CRL1506_001549	CRL681_001976		TL2766_000908	WCFS1_001216
OG0000894	CRL1506_001548	CRL681_001977	MPL16_001497	TL2766_000909	WCFS1_001217
OG0000893	CRL1506_001547	CRL681_001978	MPL16_001496	TL2766_000910	WCFS1_001218
OG0000892	CRL1506_001546	CRL681_001979	MPL16_001495	TL2766_000911	WCFS1_001219
OG0002397	CRL1506_001545	CRL681_001980		TL2766_000912	WCFS1_001220
OG0000891	CRL1506_001544	CRL681_001981	MPL16_001493	TL2766_000913	WCFS1_001221
OG0002819	CRL1506_001543				WCFS1_001222
OG0000155	CRL1506_001537	CRL681_000563, CRL681_001983	MPL16_001487	TL2766_000919	WCFS1_001223
OG0000154	CRL1506_001536	CRL681_000562, CRL681_001984	MPL16_001486	TL2766_000920	WCFS1_001224
OG0000890	CRL1506_001535	CRL681_001985	MPL16_001485	TL2766_000921	WCFS1_001225
OG0000889	CRL1506_001534	CRL681_001986	MPL16_000569	TL2766_000922	WCFS1_001226
OG0000888	CRL1506_001531	CRL681_001989	MPL16_000572	TL2766_000925	WCFS1_001228
OG0000887	CRL1506_001530	CRL681_001990	MPL16_000573	TL2766_000926	WCFS1_001229
OG0002394	CRL1506_001529	CRL681_001991	MPL16_000582		WCFS1_001230
OG0000886	CRL1506_001528	CRL681_001992	MPL16_000583	TL2766_000928	WCFS1_001231
OG0000885	CRL1506_001527	CRL681_001993	MPL16_000584	TL2766_000929	WCFS1_001232
OG0002393	CRL1506_001526	CRL681_001994		TL2766_000930	WCFS1_001233
OG0002392	CRL1506_001525	CRL681_001995		TL2766_000931	WCFS1_001234
OG0000884	CRL1506_001524	CRL681_001996	MPL16_000587	TL2766_000932	WCFS1_001235
OG0000883	CRL1506_001523	CRL681_001997	MPL16_000588	TL2766_000933	WCFS1_001236
OG0000882	CRL1506_001522	CRL681_001998	MPL16_000589	TL2766_000934	WCFS1_001237
OG0000881	CRL1506_001521	CRL681_001999	MPL16_000590	TL2766_000935	WCFS1_001238
OG0000880	CRL1506_001520	CRL681_002000	MPL16_000591	TL2766_000936	WCFS1_001239
OG0000879	CRL1506_001519	CRL681_002001	MPL16_000592	TL2766_000937	WCFS1_001240
OG0000878	CRL1506_001518	CRL681_002002	MPL16_000593	TL2766_000938	WCFS1_001241
OG0000877	CRL1506_001517	CRL681_002003	MPL16_000594	TL2766_000939	WCFS1_001242
OG0000876	CRL1506_001516	CRL681_002004	MPL16_000595	TL2766_000940	WCFS1_001243
OG0000875	CRL1506_001515	CRL681_002005	MPL16_000596	TL2766_000941	WCFS1_001244
OG0000874	CRL1506_001514	CRL681_002006	MPL16_000597	TL2766_000942	WCFS1_001245
OG0000873	CRL1506_001513	CRL681_002007	MPL16_000598	TL2766_000943	WCFS1_001246
OG0000872	CRL1506_001512	CRL681_002008	MPL16_000599	TL2766_000944	WCFS1_001247

OG0000871	CRL1506_001511	CRL681_002009	MPL16_000600	TL2766_000945	WCFS1_001248
OG0000870	CRL1506_001510	CRL681_002010	MPL16_000601	TL2766_000946	WCFS1_001249
OG0000869	CRL1506_001509	CRL681_002011	MPL16_000602	TL2766_000947	WCFS1_001250
OG0000868	CRL1506_001508	CRL681_002012	MPL16_000603	TL2766_000948	WCFS1_001252
OG0000867	CRL1506_001507	CRL681_002013	MPL16_000604	TL2766_000949	WCFS1_001253
OG0000866	CRL1506_001506	CRL681_002014	MPL16_000605	TL2766_000950	WCFS1_001254
OG0000865	CRL1506_001505	CRL681_002015	MPL16_000606	TL2766_000951	WCFS1_001255
OG0000864	CRL1506_001504	CRL681_002016	MPL16_000607	TL2766_000952	WCFS1_001256
OG0000863	CRL1506_001503	CRL681_002017	MPL16_000608	TL2766_000953	WCFS1_001257
OG0000862	CRL1506_001502	CRL681_002018	MPL16_000609	TL2766_000954	WCFS1_001258
OG0000861	CRL1506_001501	CRL681_002019	MPL16_000610	TL2766_000955	WCFS1_001259
OG0002638		CRL681_002020	MPL16_000611	TL2766_000956	WCFS1_001260
OG0002639		CRL681_002021	MPL16_000612	TL2766_002871	WCFS1_001261
OG0002640		CRL681_002022	MPL16_000613	TL2766_002872	WCFS1_001262
OG0002641		CRL681_002023	MPL16_000614	TL2766_002873	WCFS1_001263
OG0002642		CRL681_002024	MPL16_000615	TL2766_002874	WCFS1_001264
OG0002643		CRL681_002025	MPL16_000616	TL2766_002875	WCFS1_001265
OG0002644		CRL681_002026	MPL16_000617	TL2766_002876	WCFS1_001266
OG0002645		CRL681_002027	MPL16_000618	TL2766_002877	WCFS1_001267
OG0000860	CRL1506_001499	CRL681_002029	MPL16_000620	TL2766_002879	WCFS1_001269
OG0002646		CRL681_002030	MPL16_000621	TL2766_002880	WCFS1_001270
OG0002647		CRL681_002031	MPL16_000622	TL2766_002881	WCFS1_001271
OG0002648		CRL681_002032	MPL16_000623	TL2766_002882	WCFS1_001272
OG0002649		CRL681_002033	MPL16_000624	TL2766_002883	WCFS1_001273
OG0002650		CRL681_002034	MPL16_000625	TL2766_002884	WCFS1_001274
OG0002651		CRL681_002035	MPL16_000626	TL2766_002885	WCFS1_001275
OG0002652		CRL681_002036	MPL16_000627	TL2766_002886	WCFS1_001276
OG0002653		CRL681_002037	MPL16_000628	TL2766_002887	WCFS1_001277
OG0002654		CRL681_002038	MPL16_000629	TL2766_002888	WCFS1_001278
OG0002655		CRL681_002039	MPL16_000630	TL2766_002889	WCFS1_001279
OG0002796		CRL681_002040		TL2766_002890	WCFS1_001280
OG0002656		CRL681_002041	MPL16_000632	TL2766_002891	WCFS1_001281
OG0002797		CRL681_002042		TL2766_002892	WCFS1_001282
OG0002657		CRL681_002043	MPL16_000634	TL2766_002893	WCFS1_001283

OG0002658		CRL681_002044	MPL16_000635	TL2766_002894	WCFS1_001284
OG0002659		CRL681_002045	MPL16_000636	TL2766_002895	WCFS1_001285
OG0002660		CRL681_002046	MPL16_000637	TL2766_002896	WCFS1_001286
OG0002661		CRL681_002047	MPL16_000639	TL2766_002897	WCFS1_001287
OG0002662		CRL681_002048	MPL16_000640	TL2766_002898	WCFS1_001288
OG0003052				TL2766_002899	WCFS1_001289
OG0003053				TL2766_002900	WCFS1_001290
OG0000859	CRL1506_001498	CRL681_002054	MPL16_000642	TL2766_002901	WCFS1_001291
OG0000858	CRL1506_001497	CRL681_002055	MPL16_000643	TL2766_002902	WCFS1_001292
OG0000857	CRL1506_001496	CRL681_002056	MPL16_000644	TL2766_002903	WCFS1_001293
OG0000856	CRL1506_001495	CRL681_002057	MPL16_000645	TL2766_002904	WCFS1_001294
OG0000855	CRL1506_001494	CRL681_002058	MPL16_000646	TL2766_002905	WCFS1_001295
OG0000854	CRL1506_001493	CRL681_002059	MPL16_000647	TL2766_002906	WCFS1_001296
OG0000853	CRL1506_001492	CRL681_002060	MPL16_000648	TL2766_002907	WCFS1_001297
OG0000852	CRL1506_001491	CRL681_002061	MPL16_000649	TL2766_002908	WCFS1_001298
OG0000851	CRL1506_001490	CRL681_002062	MPL16_000650	TL2766_002909	WCFS1_001299
OG0000850	CRL1506_001489	CRL681_002063	MPL16_000651	TL2766_002910	WCFS1_001300
OG0000849	CRL1506_001488	CRL681_002064	MPL16_000652	TL2766_002911	WCFS1_001301
OG0000848	CRL1506_001487	CRL681_002065	MPL16_000653	TL2766_002912	WCFS1_001302
OG0000847	CRL1506_001486	CRL681_002066	MPL16_000654	TL2766_002913	WCFS1_001303
OG0000846	CRL1506_001485	CRL681_002067	MPL16_000655	TL2766_002914	WCFS1_001304
OG0000845	CRL1506_001484	CRL681_002068	MPL16_000656	TL2766_002915	WCFS1_001305
OG0000844	CRL1506_001483	CRL681_002069	MPL16_000657	TL2766_002916	WCFS1_001306
OG0000104	CRL1506_000522	CRL681_002070	MPL16_000577, MPL16_000666, MPL16_002642	TL2766_002917	WCFS1_001307
OG0002187	CRL1506_000521	CRL681_002071	MPL16_000667	TL2766_002918	WCFS1_001308
OG0002186	CRL1506_000520	CRL681_002072	MPL16_000668	TL2766_002919	WCFS1_001309
OG0002185	CRL1506_000519	CRL681_002073	MPL16_000669	TL2766_002920	WCFS1_001310
OG0002184	CRL1506_000518	CRL681_002074	MPL16_000670	TL2766_002921	WCFS1_001311
OG0002183	CRL1506_000517	CRL681_002075	MPL16_000671	TL2766_002922	WCFS1_001312
OG0002182	CRL1506_000516	CRL681_002076	MPL16_000672	TL2766_002923	WCFS1_001313
OG0002181	CRL1506_000515	CRL681_002077	MPL16_000673	TL2766_002924	WCFS1_001314
OG0002298	CRL1506_000514	CRL681_002078	MPL16_000674	TL2766_002925	WCFS1_001315

OG0002180	CRL1506_000513	CRL681_002079	MPL16_000675	TL2766_002926	WCFS1_001316
OG0002179	CRL1506_000512	CRL681_002080	MPL16_000676	TL2766_002927	WCFS1_001317
OG0002178	CRL1506_000511	CRL681_002081	MPL16_000677	TL2766_002928	WCFS1_001318
OG0002177	CRL1506_000510	CRL681_002082	MPL16_000678	TL2766_002929	WCFS1_001320
OG0002176	CRL1506_000509	CRL681_002083	MPL16_000679	TL2766_002930	WCFS1_001321
OG0002175	CRL1506_000508	CRL681_002084	MPL16_000680	TL2766_002931	WCFS1_001322
OG0000237	CRL1506_000506	CRL681_000582, CRL681_002086	MPL16_000682	TL2766_002933	WCFS1_001324
OG0002174	CRL1506_000505	CRL681_002087	MPL16_000683	TL2766_002934	WCFS1_001325
OG0002173	CRL1506_000504	CRL681_002088	MPL16_000684	TL2766_002935	WCFS1_001326
OG0002172	CRL1506_000503	CRL681_002089	MPL16_000685	TL2766_002936	WCFS1_001327
OG0002171	CRL1506_000502	CRL681_002090	MPL16_000686	TL2766_002937	WCFS1_001328
OG0002170	CRL1506_000501	CRL681_002091	MPL16_000687	TL2766_002938	WCFS1_001329
OG0002169	CRL1506_000500	CRL681_002092	MPL16_000688	TL2766_002939	WCFS1_001330
OG0002168	CRL1506_000499	CRL681_002093	MPL16_000689	TL2766_002940	WCFS1_001331
OG0002167	CRL1506_000498	CRL681_002094	MPL16_000690	TL2766_002941	WCFS1_001332
OG0002166	CRL1506_000497	CRL681_002095	MPL16_000691	TL2766_002942	WCFS1_001333
OG0002165	CRL1506_000496	CRL681_002096	MPL16_000692	TL2766_002943	WCFS1_001334
OG0002164	CRL1506_000495	CRL681_002097	MPL16_000693	TL2766_002944	WCFS1_001335
OG0002163	CRL1506_000494	CRL681_002098	MPL16_000694	TL2766_002945	WCFS1_001336
OG0002162	CRL1506_000493	CRL681_002099	MPL16_000695	TL2766_002946	WCFS1_001337
OG0002161	CRL1506_000492	CRL681_002100	MPL16_000696	TL2766_002947	WCFS1_001338
OG0002160	CRL1506_000491	CRL681_002101	MPL16_000697	TL2766_002948	WCFS1_001339
OG0002159	CRL1506_000490	CRL681_002102	MPL16_000698	TL2766_002949	WCFS1_001340
OG0002158	CRL1506_000489	CRL681_002103	MPL16_000699	TL2766_002950	WCFS1_001341
OG0002157	CRL1506_000488	CRL681_002104	MPL16_000700	TL2766_002951	WCFS1_001342
OG0001814	CRL1506_002981	CRL681_002105	MPL16_000701	TL2766_002957	WCFS1_001343
OG0001815	CRL1506_002982	CRL681_002106	MPL16_000702	TL2766_002958	WCFS1_001344
OG0001816	CRL1506_002983	CRL681_002107	MPL16_000703	TL2766_002959	WCFS1_001345
OG0001817	CRL1506_002984	CRL681_002108	MPL16_000704	TL2766_002960	WCFS1_001346
OG0001818	CRL1506_002985	CRL681_002109	MPL16_000705	TL2766_002961	WCFS1_001347
OG0001819	CRL1506_002986	CRL681_002110	MPL16_000706	TL2766_002962	WCFS1_001348
OG0001820	CRL1506_002987	CRL681_002111	MPL16_000707	TL2766_002963	WCFS1_001349
OG0001821	CRL1506_002988	CRL681_002112	MPL16_000708	TL2766_002964	WCFS1_001350

OG0001822	CRL1506_002989	CRL681_002113	MPL16_000709	TL2766_002965	WCFS1_001351
OG0001823	CRL1506_002990	CRL681_002114	MPL16_000710	TL2766_002966	WCFS1_001352
OG0001824	CRL1506_002991	CRL681_002115	MPL16_000711	TL2766_002967	WCFS1_001353
OG0001825	CRL1506_002992	CRL681_002116	MPL16_000712	TL2766_002968	WCFS1_001354
OG0001826	CRL1506_002993	CRL681_002117	MPL16_000713	TL2766_002969	WCFS1_001355
OG0001827	CRL1506_002994	CRL681_002118	MPL16_000714	TL2766_002970	WCFS1_001356
OG0001828	CRL1506_002995	CRL681_002119	MPL16_000715	TL2766_002971	WCFS1_001357
OG0001829	CRL1506_002996	CRL681_002120	MPL16_000716	TL2766_002972	WCFS1_001358
OG0001830	CRL1506_002997	CRL681_002121	MPL16_000717	TL2766_002973	WCFS1_001359
OG0001831	CRL1506_002998	CRL681_002122	MPL16_000718	TL2766_002974	WCFS1_001360
OG0001832	CRL1506_002999	CRL681_002123	MPL16_000719	TL2766_002975	WCFS1_001361
OG0001833	CRL1506_003001	CRL681_002125	MPL16_000721	TL2766_002977	WCFS1_001363
OG0001834	CRL1506_003002	CRL681_002126	MPL16_000722	TL2766_002978	WCFS1_001364
OG0001835	CRL1506_003003	CRL681_002127	MPL16_000723	TL2766_002979	WCFS1_001365
OG0001836	CRL1506_003004	CRL681_002128	MPL16_000724	TL2766_002980	WCFS1_001366
OG0001837	CRL1506_003005	CRL681_002129	MPL16_000725	TL2766_002981	WCFS1_001367
OG0001838	CRL1506_003006	CRL681_002130	MPL16_000726	TL2766_002982	WCFS1_001368
OG0001839	CRL1506_003007	CRL681_002131	MPL16_000727	TL2766_002983	WCFS1_001369
OG0001840	CRL1506_003008	CRL681_002132	MPL16_000728	TL2766_002984	WCFS1_001370
OG0001841	CRL1506_003009	CRL681_002133	MPL16_000729	TL2766_002985	WCFS1_001371
OG0001842	CRL1506_003010	CRL681_002134	MPL16_000730	TL2766_002986	WCFS1_001372
OG0001843	CRL1506_003011	CRL681_002135	MPL16_000731	TL2766_002987	WCFS1_001373
OG0001844	CRL1506_003012	CRL681_002136	MPL16_000732	TL2766_002988	WCFS1_001374
OG0001845	CRL1506_003013	CRL681_002137	MPL16_000733	TL2766_002989	WCFS1_001375
OG0001846	CRL1506_003014	CRL681_002138	MPL16_000734	TL2766_002990	WCFS1_001376
OG0001847	CRL1506_003015	CRL681_002139	MPL16_000735	TL2766_002991	WCFS1_001377
OG0001848	CRL1506_003016	CRL681_002140	MPL16_000736	TL2766_002992	WCFS1_001378
OG0002561	CRL1506_003017	CRL681_002141		TL2766_002993	WCFS1_001379
OG0001849	CRL1506_003018	CRL681_002142	MPL16_000738	TL2766_002994	WCFS1_001380
OG0001850	CRL1506_003019	CRL681_002143	MPL16_000739	TL2766_002995	WCFS1_001381
OG0001879	CRL1506_003020	CRL681_002144	MPL16_000740	TL2766_002996	WCFS1_001382
OG0001851	CRL1506_003021	CRL681_002145	MPL16_000741	TL2766_002997	WCFS1_001383
OG0001852	CRL1506_003022	CRL681_002146	MPL16_000742	TL2766_002998	WCFS1_001384
OG0001853	CRL1506_003023	CRL681_002147	MPL16_000743	TL2766_002999	WCFS1_001385

OG0001854	CRL1506_003024	CRL681_002148	MPL16_000744	TL2766_003000	WCFS1_001386
OG0001855	CRL1506_003025	CRL681_002149	MPL16_000745	TL2766_003001	WCFS1_001387
OG0001856	CRL1506_003026	CRL681_002150	MPL16_000746	TL2766_003002	WCFS1_001388
OG0001857	CRL1506_003027	CRL681_002151	MPL16_000747	TL2766_003003	WCFS1_001389
OG0001858	CRL1506_003028	CRL681_002152	MPL16_000748	TL2766_003004	WCFS1_001390
OG0001859	CRL1506_003029	CRL681_002153	MPL16_000749	TL2766_003005	WCFS1_001391
OG0001860	CRL1506_003030	CRL681_002154	MPL16_000750	TL2766_003006	WCFS1_001392
OG0000224	CRL1506_003031	CRL681_002155	MPL16_000751, MPL16_003169	TL2766_003007	WCFS1_001393
OG0001861	CRL1506_003032	CRL681_002156	MPL16_000752	TL2766_003008	WCFS1_001394
OG0002875	CRL1506_003033				WCFS1_001395
OG0001862	CRL1506_003034	CRL681_002157	MPL16_000753	TL2766_003009	WCFS1_001396
OG0001863	CRL1506_003035	CRL681_002158	MPL16_000754	TL2766_003010	WCFS1_001397
OG0001864	CRL1506_003036	CRL681_002159	MPL16_000755	TL2766_003011	WCFS1_001398
OG0001865	CRL1506_003037	CRL681_002160	MPL16_000756	TL2766_003012	WCFS1_001399
OG0001866	CRL1506_003038	CRL681_002161	MPL16_000757	TL2766_003013	WCFS1_001400
OG0001867	CRL1506_003039	CRL681_002162	MPL16_000758	TL2766_003014	WCFS1_001401
OG0001868	CRL1506_003040	CRL681_002163	MPL16_000759	TL2766_003015	WCFS1_001402
OG0001869	CRL1506_003041	CRL681_002164	MPL16_000760	TL2766_003016	WCFS1_001403
OG0001870	CRL1506_003042	CRL681_002165	MPL16_000761	TL2766_003017	WCFS1_001404
OG0001871	CRL1506_003043	CRL681_002166	MPL16_000762	TL2766_003018	WCFS1_001405
OG0001872	CRL1506_003044	CRL681_002167	MPL16_000763	TL2766_003019	WCFS1_001406
OG0001873	CRL1506_003045	CRL681_002168	MPL16_000764	TL2766_003020	WCFS1_001407
OG0001874	CRL1506_003046	CRL681_002169	MPL16_000765	TL2766_003021	WCFS1_001408
OG0001875	CRL1506_003047	CRL681_002170	MPL16_000766	TL2766_003022	WCFS1_001409
OG0001876	CRL1506_003048	CRL681_002171	MPL16_000767	TL2766_003023	WCFS1_001410
OG0001877	CRL1506_003049	CRL681_002172	MPL16_000768	TL2766_003024	WCFS1_001411
OG0001878	CRL1506_003050	CRL681_002173	MPL16_000769	TL2766_003025	WCFS1_001412
OG0001809	CRL1506_002980, CRL1506_003051	CRL681_002174		TL2766_003026	WCFS1_001413
OG0001808	CRL1506_002978	CRL681_002176	MPL16_000778	TL2766_003028	WCFS1_001415
OG0001813	CRL1506_002977	CRL681_002177	MPL16_000779	TL2766_003029	WCFS1_001416
OG0001807	CRL1506_002976	CRL681_002178	MPL16_000780	TL2766_003030	WCFS1_001417
OG0001806	CRL1506_002975	CRL681_002179	MPL16_000781	TL2766_003031	WCFS1_001418

OG0001805	CRL1506_002974	CRL681_002180	MPL16_000782	TL2766_003032	WCFS1_001419
OG0001804	CRL1506_002973	CRL681_002181	MPL16_000783	TL2766_003033	WCFS1_001420
OG0001803	CRL1506_002972	CRL681_002182	MPL16_000784	TL2766_003034	WCFS1_001421
OG0001802	CRL1506_002971	CRL681_002183	MPL16_000785	TL2766_003035	WCFS1_001422
OG0001801	CRL1506_002970	CRL681_002184	MPL16_000786	TL2766_003036	WCFS1_001423
OG0001800	CRL1506_002969	CRL681_002185	MPL16_000787	TL2766_003037	WCFS1_001424
OG0002560	CRL1506_002968	CRL681_002186		TL2766_003038	WCFS1_001425
OG0002734	CRL1506_002966			TL2766_002763	WCFS1_001427
OG0002874	CRL1506_002965				WCFS1_001428
OG0001799	CRL1506_002964	CRL681_002187	MPL16_000789	TL2766_003039	WCFS1_001429
OG0000220	CRL1506_002963	CRL681_002188	MPL16_000790, MPL16_001674	TL2766_003040	WCFS1_001430
OG0000098	CRL1506_002962	CRL681_002189	MPL16_000791, MPL16_002194	TL2766_003041	WCFS1_001431, WCFS1_002202
OG0001798	CRL1506_002961	CRL681_002190	MPL16_000792	TL2766_003042	WCFS1_001432
OG0001797	CRL1506_002960	CRL681_002191	MPL16_000793	TL2766_003043	WCFS1_001433
OG0001796	CRL1506_002959	CRL681_002192	MPL16_000794	TL2766_003044	WCFS1_001434
OG0001795	CRL1506_002958	CRL681_002193	MPL16_000795	TL2766_003045	WCFS1_001435
OG0001794	CRL1506_002957	CRL681_002194	MPL16_000796	TL2766_003046	WCFS1_001436
OG0001793	CRL1506_002956	CRL681_002195	MPL16_000797	TL2766_003047	WCFS1_001437
OG0001792	CRL1506_002955	CRL681_002196	MPL16_000798	TL2766_003048	WCFS1_001438
OG0000219	CRL1506_002954	CRL681_002197	MPL16_000799	TL2766_000293, TL2766_003049	WCFS1_001439
OG0001791	CRL1506_002953	CRL681_002198	MPL16_000800	TL2766_003050	WCFS1_001440
OG0001790	CRL1506_002951	CRL681_002200	MPL16_000802	TL2766_003052	WCFS1_001442
OG0001789	CRL1506_002950	CRL681_002201	MPL16_000803	TL2766_003053	WCFS1_001443
OG0001788	CRL1506_002949	CRL681_002202	MPL16_000804	TL2766_003054	WCFS1_001444
OG0001787	CRL1506_002948	CRL681_002203	MPL16_000805	TL2766_003055	WCFS1_001445
OG0001786	CRL1506_002947	CRL681_002204	MPL16_000812	TL2766_003056	WCFS1_001446
OG0001785	CRL1506_002946	CRL681_002205	MPL16_000813	TL2766_003057	WCFS1_001447
OG0001784	CRL1506_002945	CRL681_002206	MPL16_000814	TL2766_003058	WCFS1_001448
OG0001783	CRL1506_002944	CRL681_002207	MPL16_000815	TL2766_003059	WCFS1_001449
OG0001782	CRL1506_002943	CRL681_001226	MPL16_000816	TL2766_003060	WCFS1_001450
OG0001781	CRL1506_002942	CRL681_001227	MPL16_000817	TL2766_003061	WCFS1_001451

OG0001780	CRL1506_002941	CRL681_001228	MPL16_000818	TL2766_003062	WCFS1_001452
OG0000207	CRL1506_000696, CRL1506_002797, CRL1506_002798, CRL1506_002940	CRL681_001229			WCFS1_001453
OG0002971		CRL681_001230			WCFS1_001454
OG0002972		CRL681_001231			WCFS1_001455
OG0001721	CRL1506_002791	CRL681_001232	MPL16_000819	TL2766_003063	WCFS1_001456
OG0002532	CRL1506_002790		MPL16_001701	TL2766_003064	WCFS1_001457
OG0001720	CRL1506_002789	CRL681_001233	MPL16_003082	TL2766_003065	WCFS1_001458
OG0000206	CRL1506_002788, CRL1506_002801	CRL681_001234	MPL16_003081	TL2766_003066	WCFS1_001459
OG0001719	CRL1506_002787	CRL681_001235		TL2766_000056, TL2766_003067	WCFS1_001460
OG0001718	CRL1506_002786	CRL681_001236	MPL16_003079	TL2766_003068	WCFS1_001461
OG0001717	CRL1506_002785	CRL681_001237	MPL16_003078	TL2766_003069	WCFS1_001462
OG0000205	CRL1506_002784	CRL681_001238	MPL16_001874, MPL16_003077	TL2766_003070	WCFS1_001463
OG0001716	CRL1506_002783	CRL681_001239	MPL16_003076	TL2766_003071	WCFS1_001464
OG0001715	CRL1506_002782	CRL681_001240	MPL16_003075	TL2766_003072	WCFS1_001465
OG0001748	CRL1506_002781	CRL681_001241	MPL16_003074	TL2766_003073	WCFS1_001466
OG0001714	CRL1506_002780	CRL681_001242	MPL16_003073	TL2766_003074	WCFS1_001467
OG0001713	CRL1506_002779	CRL681_001243	MPL16_003072	TL2766_003075	WCFS1_001468
OG0001712	CRL1506_002778	CRL681_001244	MPL16_003071	TL2766_003076	WCFS1_001469
OG0001711	CRL1506_002777	CRL681_001245	MPL16_003070	TL2766_003077	WCFS1_001470
OG0001710	CRL1506_002776	CRL681_001246	MPL16_003069	TL2766_003078	WCFS1_001471
OG0001709	CRL1506_002775	CRL681_001247	MPL16_003068	TL2766_003079	WCFS1_001472
OG0001708	CRL1506_002774	CRL681_001248	MPL16_003066	TL2766_003080	WCFS1_001473
OG0001707	CRL1506_002773	CRL681_001249	MPL16_003065	TL2766_003081	WCFS1_001474
OG0001706	CRL1506_002772	CRL681_001250	MPL16_003064	TL2766_003082	WCFS1_001475
OG0001705	CRL1506_002771	CRL681_001251	MPL16_003063	TL2766_003083	WCFS1_001476
OG0001704	CRL1506_002770	CRL681_001252	MPL16_003062	TL2766_003084	WCFS1_001477
OG0001703	CRL1506_002769	CRL681_001253	MPL16_003061	TL2766_003085	WCFS1_001478
OG0001702	CRL1506_002768	CRL681_001254	MPL16_003060	TL2766_003086	WCFS1_001479

OG0001701	CRL1506_002767	CRL681_001255	MPL16_003059	TL2766_003087	WCFS1_001480
OG0001700	CRL1506_002766	CRL681_001256	MPL16_003058	TL2766_003088	WCFS1_001481
OG0001699	CRL1506_002765	CRL681_001257	MPL16_003057	TL2766_003089	WCFS1_001482
OG0001698	CRL1506_002763	CRL681_001259	MPL16_003055	TL2766_003091	WCFS1_001484
OG0001697	CRL1506_002762	CRL681_001260	MPL16_003054	TL2766_003092	WCFS1_001485
OG0001696	CRL1506_002761	CRL681_001261	MPL16_003053	TL2766_003093	WCFS1_001486
OG0001695	CRL1506_002760	CRL681_001262	MPL16_003052	TL2766_003094	WCFS1_001487
OG0001694	CRL1506_002759	CRL681_001263	MPL16_003051	TL2766_003095	WCFS1_001488
OG0001693	CRL1506_002758	CRL681_001264	MPL16_003050	TL2766_003096	WCFS1_001489
OG0001747	CRL1506_002757	CRL681_001265	MPL16_003049	TL2766_003097	WCFS1_001490
OG0001692	CRL1506_002756	CRL681_001266	MPL16_003048	TL2766_003098	WCFS1_001491
OG0001691	CRL1506_002754	CRL681_001268	MPL16_003046	TL2766_003100	WCFS1_001493
OG0001690	CRL1506_002753	CRL681_001269	MPL16_003045	TL2766_003101	WCFS1_001494
OG0001689	CRL1506_002752	CRL681_001270	MPL16_003044	TL2766_003102	WCFS1_001495
OG0001688	CRL1506_002751	CRL681_001271	MPL16_003043	TL2766_003103	WCFS1_001496
OG0001687	CRL1506_002750	CRL681_001272	MPL16_003042	TL2766_003104	WCFS1_001497
OG0001686	CRL1506_002749	CRL681_001273	MPL16_003041	TL2766_003105	WCFS1_001498
OG0001685	CRL1506_002748	CRL681_001274	MPL16_003040	TL2766_003106	WCFS1_001499
OG0001684	CRL1506_002747	CRL681_001275	MPL16_003039	TL2766_003107	WCFS1_001500
OG0001683	CRL1506_002746	CRL681_001276	MPL16_003038	TL2766_003108	WCFS1_001501
OG0001682	CRL1506_002745	CRL681_001277	MPL16_003037	TL2766_003109	WCFS1_001502
OG0001681	CRL1506_002744	CRL681_001278	MPL16_003036	TL2766_003110	WCFS1_001503
OG0001680	CRL1506_002743	CRL681_001279	MPL16_003035	TL2766_003111	WCFS1_001504
OG0001679	CRL1506_002741	CRL681_001281	MPL16_003033	TL2766_003113	WCFS1_001506
OG0002739	CRL1506_000401			TL2766_002565	WCFS1_001508
OG0001678	CRL1506_002740	CRL681_001282	MPL16_003032	TL2766_003114	WCFS1_001509
OG0001677	CRL1506_002739	CRL681_001283	MPL16_003031	TL2766_003115	WCFS1_001510
OG0001746	CRL1506_002738	CRL681_001284	MPL16_003030	TL2766_003116	WCFS1_001511
OG0001676	CRL1506_002737	CRL681_001285	MPL16_003029	TL2766_003117	WCFS1_001512
OG0001745	CRL1506_002735	CRL681_001287	MPL16_003027	TL2766_003119	WCFS1_001514
OG0001675	CRL1506_002734	CRL681_001288	MPL16_003026	TL2766_000237	WCFS1_001515
OG0001674	CRL1506_002733	CRL681_001289	MPL16_003024	TL2766_000238	WCFS1_001516
OG0000204	CRL1506_002732	CRL681_001290	MPL16_000327, MPL16_003023	TL2766_000239	WCFS1_001517

OG0001673	CRL1506_002731	CRL681_001291	MPL16_003022	TL2766_000240	WCFS1_001518
OG0002530	CRL1506_002730	CRL681_001292		TL2766_000241	WCFS1_001519
OG0001672	CRL1506_002729	CRL681_001293	MPL16_003020	TL2766_000242	WCFS1_001520
OG0001671	CRL1506_002728	CRL681_001294	MPL16_003019	TL2766_000243	WCFS1_001521
OG0001670	CRL1506_002727	CRL681_001295	MPL16_003018	TL2766_000244	WCFS1_001522
OG0001669	CRL1506_002726	CRL681_001296	MPL16_003017	TL2766_000245	WCFS1_001523
OG0001668	CRL1506_002725	CRL681_001297	MPL16_003016	TL2766_000246	WCFS1_001524
OG0001744	CRL1506_002724	CRL681_001298	MPL16_003015	TL2766_000247	WCFS1_001525
OG0000041	CRL1506_000194, CRL1506_002723	CRL681_000384, CRL681_001299	MPL16_001343, MPL16_003014	TL2766_000248, TL2766_002361	WCFS1_001526, WCFS1_002304
OG0001667	CRL1506_002722	CRL681_001300	MPL16_003013	TL2766_000249	WCFS1_001527
OG0001666	CRL1506_002721	CRL681_001301	MPL16_003012	TL2766_000250	WCFS1_001528
OG0001665	CRL1506_002719	CRL681_001302	MPL16_003010	TL2766_000252	WCFS1_001529
OG0001664	CRL1506_002718	CRL681_001303	MPL16_003009	TL2766_000253	WCFS1_001530
OG0001663	CRL1506_002717	CRL681_001304	MPL16_003008	TL2766_000254	WCFS1_001531
OG0001662	CRL1506_002716	CRL681_001305	MPL16_003007	TL2766_000255	WCFS1_001532
OG0001661	CRL1506_002715	CRL681_001306	MPL16_003006	TL2766_000256	WCFS1_001533
OG0001660	CRL1506_002714	CRL681_001307	MPL16_003005	TL2766_000257	WCFS1_001534
OG0000095	CRL1506_002713	CRL681_001308, CRL681_003187	MPL16_000810, MPL16_003004	TL2766_000258	WCFS1_001535
OG0002529	CRL1506_002712	CRL681_001309		TL2766_000259	WCFS1_001536
OG0001659	CRL1506_002711	CRL681_001310	MPL16_003002	TL2766_000260	WCFS1_001537
OG0001658	CRL1506_002710	CRL681_001311	MPL16_003001	TL2766_000261	WCFS1_001538
OG0001657	CRL1506_002709	CRL681_001312	MPL16_003000	TL2766_000262	WCFS1_001539
OG0001656	CRL1506_002708	CRL681_001313	MPL16_002999	TL2766_000263	WCFS1_001540
OG0001655	CRL1506_002707	CRL681_001314	MPL16_002998	TL2766_000264	WCFS1_001541
OG0001654	CRL1506_002706	CRL681_001315	MPL16_002997	TL2766_000265	WCFS1_001542
OG0001653	CRL1506_002705	CRL681_001316	MPL16_002996	TL2766_000266	WCFS1_001543
OG0002528	CRL1506_002704	CRL681_001317		TL2766_000267	WCFS1_001544
OG0001652	CRL1506_002703	CRL681_001318	MPL16_002994	TL2766_000268	WCFS1_001545
OG0001651	CRL1506_002702	CRL681_001319	MPL16_002993	TL2766_000269	WCFS1_001546
OG0001650	CRL1506_002701	CRL681_001320	MPL16_002992	TL2766_000270	WCFS1_001547
OG0002527	CRL1506_002700		MPL16_002991	TL2766_000271	WCFS1_001548
OG0001649	CRL1506_002699	CRL681_001322	MPL16_002990	TL2766_000272	WCFS1_001549

OG0001648	CRL1506_002698	CRL681_001323	MPL16_002989	TL2766_000273	WCFS1_001550
OG0000360	CRL1506_000834	CRL681_001324	MPL16_002988	TL2766_000274	WCFS1_001551
OG0000359	CRL1506_000833	CRL681_001325	MPL16_002987	TL2766_000275	WCFS1_001552
OG0000358	CRL1506_000832	CRL681_001326	MPL16_002986	TL2766_000276	WCFS1_001553
OG0000357	CRL1506_000831	CRL681_001327	MPL16_002985	TL2766_000277	WCFS1_001554
OG0000361	CRL1506_000830	CRL681_001224	MPL16_002984	TL2766_000278	WCFS1_001555
OG0000356	CRL1506_000829	CRL681_001223	MPL16_002983	TL2766_000279	WCFS1_001556
OG0000355	CRL1506_000828	CRL681_001222	MPL16_002982	TL2766_000280	WCFS1_001557
OG0000354	CRL1506_000827	CRL681_001221	MPL16_002981	TL2766_000281	WCFS1_001558
OG0000353	CRL1506_000826	CRL681_001220	MPL16_002980	TL2766_000282	WCFS1_001559
OG0000352	CRL1506_000825	CRL681_001219		TL2766_000283, TL2766_001574	WCFS1_001560
OG0002674	CRL1506_000824	CRL681_001218			WCFS1_001561
OG0000351	CRL1506_000823	CRL681_001217	MPL16_002979	TL2766_002659	WCFS1_001562
OG0000350	CRL1506_000822	CRL681_001216	MPL16_002978	TL2766_002660	WCFS1_001563
OG0000349	CRL1506_000821	CRL681_001215	MPL16_002977	TL2766_002661	WCFS1_001564
OG0000348	CRL1506_000820	CRL681_001213	MPL16_002976	TL2766_002662	WCFS1_001565
OG0000347	CRL1506_000819	CRL681_001212	MPL16_002975	TL2766_002663	WCFS1_001566
OG0000021	CRL1506_000818, CRL1506_000964	CRL681_001087, CRL681_001211	MPL16_000137, MPL16_002974	TL2766_000981, TL2766_002664	WCFS1_001567, WCFS1_001690
OG0000346	CRL1506_000817	CRL681_001210	MPL16_002973	TL2766_002665	WCFS1_001568
OG0000345	CRL1506_000816	CRL681_001209	MPL16_002972	TL2766_002666	WCFS1_001569
OG0000344	CRL1506_000815	CRL681_001208	MPL16_002971	TL2766_002667	WCFS1_001570
OG0000343	CRL1506_000814	CRL681_001207	MPL16_002970	TL2766_002668	WCFS1_001571
OG0000342	CRL1506_000813	CRL681_001206	MPL16_002969	TL2766_002669	WCFS1_001572
OG0000341	CRL1506_000812	CRL681_001205	MPL16_002968	TL2766_002670	WCFS1_001573
OG0000340	CRL1506_000811	CRL681_001204	MPL16_002967	TL2766_002671	WCFS1_001574
OG0000339	CRL1506_000810	CRL681_001203	MPL16_002966	TL2766_002672	WCFS1_001575
OG0000338	CRL1506_000809	CRL681_001202	MPL16_002965	TL2766_002673	WCFS1_001576
OG0000337	CRL1506_000808	CRL681_001201	MPL16_002964	TL2766_002674	WCFS1_001577
OG0000336	CRL1506_000807	CRL681_001200	MPL16_002963	TL2766_002675	WCFS1_001578
OG0000335	CRL1506_000806	CRL681_001199	MPL16_002962	TL2766_002676	WCFS1_001579
OG0000334	CRL1506_000805	CRL681_001198	MPL16_002961	TL2766_002677	WCFS1_001580
OG0000333	CRL1506_000804	CRL681_001197	MPL16_002960	TL2766_002678	WCFS1_001581

OG0000332	CRL1506_000803	CRL681_001196	MPL16_002959	TL2766_002679	WCFS1_001582
OG0000331	CRL1506_000802	CRL681_001195	MPL16_002958	TL2766_002680	WCFS1_001583
OG0000330	CRL1506_000801	CRL681_001194	MPL16_002957	TL2766_002681	WCFS1_001584
OG0003050				TL2766_002682	WCFS1_001585
OG0000329	CRL1506_000800	CRL681_001193	MPL16_000234	TL2766_002683	WCFS1_001586
OG0000328	CRL1506_000799	CRL681_001192	MPL16_000233	TL2766_002684	WCFS1_001587
OG0000327	CRL1506_000798	CRL681_001191	MPL16_000232	TL2766_002685	WCFS1_001588
OG0000531	CRL1506_001055	CRL681_001190	MPL16_000231	TL2766_002686	WCFS1_001589
OG0000530	CRL1506_001054	CRL681_001189	MPL16_000230	TL2766_002687	WCFS1_001590
OG0000529	CRL1506_001053	CRL681_001188	MPL16_000229	TL2766_002688	WCFS1_001591
OG0000528	CRL1506_001052	CRL681_001187	MPL16_000228	TL2766_002689	WCFS1_001592
OG0000527	CRL1506_001051	CRL681_001186	MPL16_000227	TL2766_002690	WCFS1_001593
OG0000526	CRL1506_001050	CRL681_001185	MPL16_000226	TL2766_002691	WCFS1_001594
OG0000525	CRL1506_001049	CRL681_001184	MPL16_000225	TL2766_002692	WCFS1_001595
OG0000524	CRL1506_001048	CRL681_001183	MPL16_000224	TL2766_002693	WCFS1_001596
OG0000523	CRL1506_001047	CRL681_001182	MPL16_000223	TL2766_002694	WCFS1_001597
OG0000522	CRL1506_001046	CRL681_001181	MPL16_000222	TL2766_002695	WCFS1_001598
OG0000521	CRL1506_001045	CRL681_001180	MPL16_000221	TL2766_002696	WCFS1_001599
OG0000520	CRL1506_001044	CRL681_001179	MPL16_000220	TL2766_002697	WCFS1_001600
OG0000519	CRL1506_001043	CRL681_001178	MPL16_000219	TL2766_002698	WCFS1_001601
OG0000518	CRL1506_001042	CRL681_001177	MPL16_000218	TL2766_002699	WCFS1_001602
OG0000517	CRL1506_001041	CRL681_001176	MPL16_000217	TL2766_002700	WCFS1_001603
OG0000516	CRL1506_001040	CRL681_001175	MPL16_000216	TL2766_002701	WCFS1_001604
OG0000515	CRL1506_001039	CRL681_001174	MPL16_000215	TL2766_002702	WCFS1_001605
OG0000514	CRL1506_001038	CRL681_001173	MPL16_000214	TL2766_002703	WCFS1_001606
OG0000513	CRL1506_001037	CRL681_001172	MPL16_000213	TL2766_002704	WCFS1_001607
OG0000512	CRL1506_001036	CRL681_001171	MPL16_000212	TL2766_002705	WCFS1_001608
OG0000511	CRL1506_001035	CRL681_001170	MPL16_000211	TL2766_002706	WCFS1_001609
OG0000510	CRL1506_001034	CRL681_001169	MPL16_000210	TL2766_002707	WCFS1_001610
OG0000509	CRL1506_001033	CRL681_001168	MPL16_000209	TL2766_002708	WCFS1_001611
OG0000508	CRL1506_001032	CRL681_001167	MPL16_000208	TL2766_002709	WCFS1_001612
OG0000507	CRL1506_001031	CRL681_001166	MPL16_000207	TL2766_002710	WCFS1_001613
OG0001013	CRL1506_001030	CRL681_001165	MPL16_000206	TL2766_002711	WCFS1_001614
OG0000506	CRL1506_001029	CRL681_001164	MPL16_000205	TL2766_002712	WCFS1_001615

OG0000505	CRL1506_001028	CRL681_001163	MPL16_000204	TL2766_002713	WCFS1_001616
OG0000504	CRL1506_001027	CRL681_001162	MPL16_000203	TL2766_002815	WCFS1_001617
OG0000503	CRL1506_001026	CRL681_001161	MPL16_000202	TL2766_002814	WCFS1_001618
OG0000502	CRL1506_001025	CRL681_001160	MPL16_000201	TL2766_002813	WCFS1_001619
OG0000501	CRL1506_001024	CRL681_001159	MPL16_000200	TL2766_002812	WCFS1_001620
OG0000537	CRL1506_001064	CRL681_001158	MPL16_000199	TL2766_002811	WCFS1_001621
OG0000127	CRL1506_001063	CRL681_001157	MPL16_000198	TL2766_002761, TL2766_002810	WCFS1_001622
OG0000536	CRL1506_001062	CRL681_001156	MPL16_000197	TL2766_002809	WCFS1_001623
OG0000535	CRL1506_001061	CRL681_001155	MPL16_000196	TL2766_002808	WCFS1_001624
OG0000534	CRL1506_001060	CRL681_001154	MPL16_000195	TL2766_002807	WCFS1_001625
OG0000533	CRL1506_001059	CRL681_001153	MPL16_000194	TL2766_002806	WCFS1_001626
OG0000532	CRL1506_001058	CRL681_001152	MPL16_000193	TL2766_002805	WCFS1_001627
OG0000126	CRL1506_001057	CRL681_001151	MPL16_000192, MPL16_001279	TL2766_002804	WCFS1_001628
OG0000500	CRL1506_001022	CRL681_001150	MPL16_000191	TL2766_002803	WCFS1_001629
OG0002367	CRL1506_001021	CRL681_001149		TL2766_002802	WCFS1_001630
OG0002366	CRL1506_001020	CRL681_001148		TL2766_002801	WCFS1_001631
OG0000499	CRL1506_001019	CRL681_001147	MPL16_000190	TL2766_002800	WCFS1_001632
OG0001012	CRL1506_001018	CRL681_001146	MPL16_000186	TL2766_002799	WCFS1_001633
OG0002633		CRL681_001145	MPL16_000185	TL2766_002798	WCFS1_001634
OG0000498	CRL1506_001016	CRL681_001144	MPL16_001491	TL2766_002797	WCFS1_001635
OG0002365	CRL1506_001015	CRL681_001143		TL2766_002796	WCFS1_001636
OG0000125	CRL1506_001014	CRL681_001142	MPL16_000184	TL2766_002452, TL2766_002795	WCFS1_001637
OG0000497	CRL1506_001013	CRL681_001141	MPL16_000183	TL2766_002794	WCFS1_001638
OG0000496	CRL1506_001012	CRL681_001140	MPL16_000182	TL2766_002793	WCFS1_001639
OG0000495	CRL1506_001011	CRL681_001139	MPL16_000181	TL2766_002792	WCFS1_001640
OG0000494	CRL1506_001010	CRL681_001138	MPL16_000180	TL2766_002791	WCFS1_001641
OG0000493	CRL1506_001009	CRL681_001137	MPL16_000179	TL2766_002790	WCFS1_001642
OG0000024	CRL1506_001008, CRL1506_002497	CRL681_001136, CRL681_002972	MPL16_000178, MPL16_003108	TL2766_001807, TL2766_002789	WCFS1_001643, WCFS1_003015
OG0000492	CRL1506_001007	CRL681_001135	MPL16_000177	TL2766_002788	WCFS1_001644
OG0002364	CRL1506_001006	CRL681_001134		TL2766_002787	WCFS1_001645

OG0002363	CRL1506_001005	CRL681_001133		TL2766_002786	WCFS1_001646
OG0002362	CRL1506_001004	CRL681_001127		TL2766_002785	WCFS1_001647
OG0002361	CRL1506_001003	CRL681_001126		TL2766_002784	WCFS1_001648
OG0002360	CRL1506_001002	CRL681_001125		TL2766_002783	WCFS1_001649
OG0000491	CRL1506_001001	CRL681_001124	MPL16_000175	TL2766_002782	WCFS1_001650
OG0000074	CRL1506_001000	CRL681_001123, CRL681_001915	MPL16_000174, MPL16_001094	TL2766_002781	WCFS1_001651
OG0000124	CRL1506_000999	CRL681_001122, CRL681_001916	MPL16_000173	TL2766_002780	WCFS1_001652
OG0000057	CRL1506_000998	CRL681_001121, CRL681_001918	MPL16_000172, MPL16_001095, MPL16_001218	TL2766_002779	WCFS1_001653
OG0000490	CRL1506_000997	CRL681_001120	MPL16_000171	TL2766_002778	WCFS1_001654
OG0002359	CRL1506_000996	CRL681_001119		TL2766_002777	WCFS1_001655
OG0000489	CRL1506_000994	CRL681_001117	MPL16_000169	TL2766_002775	WCFS1_001657
OG0000488	CRL1506_000993	CRL681_001116	MPL16_000168	TL2766_002774	WCFS1_001658
OG0000487	CRL1506_000992	CRL681_001115	MPL16_000167	TL2766_002773	WCFS1_001659
OG0000486	CRL1506_000991	CRL681_001114	MPL16_000166	TL2766_002772	WCFS1_001660
OG0000485	CRL1506_000990	CRL681_001113	MPL16_000165	TL2766_002771	WCFS1_001661
OG0000484	CRL1506_000989	CRL681_001112	MPL16_000164	TL2766_002770	WCFS1_001662
OG0000483	CRL1506_000988	CRL681_001111	MPL16_000163	TL2766_002769	WCFS1_001663
OG0000482	CRL1506_000987	CRL681_001110	MPL16_000162	TL2766_002768	WCFS1_001664
OG0003051				TL2766_002767	WCFS1_001665
OG0002802			MPL16_000161	TL2766_002766	WCFS1_001666
OG0002801			MPL16_000160	TL2766_000958	WCFS1_001667
OG0000481	CRL1506_000986	CRL681_001109	MPL16_000159	TL2766_000959	WCFS1_001668
OG0000480	CRL1506_000985	CRL681_001108	MPL16_000158	TL2766_000960	WCFS1_001669
OG0000479	CRL1506_000984	CRL681_001107	MPL16_000157	TL2766_000961	WCFS1_001670
OG0000478	CRL1506_000983	CRL681_001106	MPL16_000156	TL2766_000962	WCFS1_001671
OG0000477	CRL1506_000982	CRL681_001105	MPL16_000155	TL2766_000963	WCFS1_001672
OG0000476	CRL1506_000981	CRL681_001104	MPL16_000154	TL2766_000964	WCFS1_001673
OG0000475	CRL1506_000980	CRL681_001103	MPL16_000153	TL2766_000965	WCFS1_001674
OG0000474	CRL1506_000979	CRL681_001102	MPL16_000152	TL2766_000966	WCFS1_001675
OG0000473	CRL1506_000978	CRL681_001101	MPL16_000151	TL2766_000967	WCFS1_001676

OG0000472	CRL1506_000977	CRL681_001100	MPL16_000150	TL2766_000968	WCFS1_001677
OG0001011	CRL1506_000976	CRL681_001099	MPL16_000149	TL2766_000969	WCFS1_001678
OG0000471	CRL1506_000975	CRL681_001098	MPL16_000148	TL2766_000970	WCFS1_001679
OG0000470	CRL1506_000974	CRL681_001097	MPL16_000147	TL2766_000971	WCFS1_001680
OG0000469	CRL1506_000973	CRL681_001096	MPL16_000146	TL2766_000972	WCFS1_001681
OG0000468	CRL1506_000972	CRL681_001095	MPL16_000145	TL2766_000973	WCFS1_001682
OG0000467	CRL1506_000971	CRL681_001094	MPL16_000144	TL2766_000974	WCFS1_001683
OG0000466	CRL1506_000970	CRL681_001093	MPL16_000143	TL2766_000975	WCFS1_001684
OG0000465	CRL1506_000969	CRL681_001092	MPL16_000142	TL2766_000976	WCFS1_001685
OG0002358	CRL1506_000968	CRL681_001091	MPL16_000141		WCFS1_001686
OG0000464	CRL1506_000967	CRL681_001090	MPL16_000140	TL2766_000978	WCFS1_001687
OG0000463	CRL1506_000966	CRL681_001089	MPL16_000139	TL2766_000979	WCFS1_001688
OG0000462	CRL1506_000965	CRL681_001088	MPL16_000138	TL2766_000980	WCFS1_001689
OG0000461	CRL1506_000963	CRL681_001086	MPL16_000136	TL2766_000982	WCFS1_001691
OG0000460	CRL1506_000962	CRL681_001085	MPL16_000135	TL2766_000983	WCFS1_001692
OG0000459	CRL1506_000961	CRL681_001084	MPL16_000134	TL2766_000984	WCFS1_001693
OG0000458	CRL1506_000960	CRL681_001083	MPL16_000133	TL2766_000985	WCFS1_001694
OG0000457	CRL1506_000959	CRL681_001082	MPL16_000132	TL2766_000986	WCFS1_001695
OG0000456	CRL1506_000958	CRL681_001081	MPL16_000131	TL2766_000987	WCFS1_001696
OG0000455	CRL1506_000957	CRL681_001080	MPL16_000130	TL2766_000988	WCFS1_001697
OG0000454	CRL1506_000956	CRL681_001079	MPL16_000129	TL2766_000989	WCFS1_001698
OG0000453	CRL1506_000955	CRL681_001078	MPL16_000128	TL2766_000990	WCFS1_001699
OG0000452	CRL1506_000954	CRL681_001077	MPL16_000127	TL2766_000991	WCFS1_001700
OG0000451	CRL1506_000953	CRL681_001076	MPL16_000126	TL2766_000992	WCFS1_001701
OG0000450	CRL1506_000952	CRL681_001075	MPL16_000125	TL2766_000993	WCFS1_001702
OG0000449	CRL1506_000951	CRL681_001074	MPL16_000124	TL2766_000994	WCFS1_001703
OG0002533	CRL1506_002793, CRL1506_002799, CRL1506_002802				WCFS1_001706
OG0003450					WCFS1_001707
OG0002625		CRL681_000471	MPL16_000253, MPL16_000338		WCFS1_001708
OG0003451					WCFS1_001709
OG0002857	CRL1506_002831				WCFS1_001710

OG0003452					WCFS1_001711
OG0000122	CRL1506_000901	CRL681_001023		TL2766_001047	WCFS1_001715, WCFS1_001716, WCFS1_001768
OG0000448	CRL1506_000950	CRL681_001073	MPL16_000123	TL2766_000998	WCFS1_001718
OG0000447	CRL1506_000949	CRL681_001072	MPL16_000122	TL2766_000999	WCFS1_001719
OG0000446	CRL1506_000947	CRL681_001070	MPL16_000120	TL2766_001001	WCFS1_001721
OG0000445	CRL1506_000946	CRL681_001069	MPL16_000119	TL2766_001002	WCFS1_001722
OG0000444	CRL1506_000945	CRL681_001068	MPL16_000118	TL2766_001003	WCFS1_001723
OG0000443	CRL1506_000944	CRL681_001067	MPL16_000117	TL2766_001004	WCFS1_001724
OG0000442	CRL1506_000943	CRL681_001066	MPL16_000116	TL2766_001005	WCFS1_001726
OG0000441	CRL1506_000942	CRL681_001065	MPL16_000115	TL2766_001006	WCFS1_001727
OG0001010	CRL1506_000941	CRL681_001064	MPL16_000114	TL2766_001007	WCFS1_001728
OG0001009	CRL1506_000940	CRL681_001063	MPL16_000113	TL2766_001008	WCFS1_001729
OG0000440	CRL1506_000939	CRL681_001062	MPL16_000112	TL2766_001009	WCFS1_001730
OG0000439	CRL1506_000938	CRL681_001061	MPL16_000111	TL2766_001010	WCFS1_001731
OG0000438	CRL1506_000937	CRL681_001060	MPL16_000110	TL2766_001011	WCFS1_001732
OG0000437	CRL1506_000936	CRL681_001059	MPL16_000109	TL2766_001012	WCFS1_001733
OG0000436	CRL1506_000935	CRL681_001058	MPL16_000108	TL2766_001013	WCFS1_001734
OG0000435	CRL1506_000934	CRL681_001057	MPL16_000107	TL2766_001014	WCFS1_001735
OG0000434	CRL1506_000933	CRL681_001056	MPL16_000106	TL2766_001015	WCFS1_001736
OG0000433	CRL1506_000932	CRL681_001055	MPL16_000105	TL2766_001016	WCFS1_001737
OG0000123	CRL1506_000931	CRL681_001054	MPL16_000104, MPL16_000291	TL2766_001017	WCFS1_001738
OG0000432	CRL1506_000930	CRL681_001053	MPL16_002527	TL2766_001018	WCFS1_001739
OG0000431	CRL1506_000929	CRL681_001052	MPL16_002526	TL2766_001019	WCFS1_001740
OG0000430	CRL1506_000928	CRL681_001051	MPL16_002525	TL2766_001020	WCFS1_001741
OG0000429	CRL1506_000927	CRL681_001050	MPL16_002524	TL2766_001021	WCFS1_001742
OG0000428	CRL1506_000926	CRL681_001049	MPL16_002523	TL2766_001022	WCFS1_001743
OG0000427	CRL1506_000925	CRL681_001048	MPL16_002522	TL2766_001023	WCFS1_001744
OG0000426	CRL1506_000924	CRL681_001047	MPL16_002521	TL2766_001024	WCFS1_001745
OG0000425	CRL1506_000923	CRL681_001046	MPL16_002520	TL2766_001025	WCFS1_001746
OG0000424	CRL1506_000922	CRL681_001045	MPL16_002519	TL2766_001026	WCFS1_001747
OG0000423	CRL1506_000921	CRL681_001044	MPL16_002518	TL2766_001027	WCFS1_001748

OG0000422	CRL1506_000920	CRL681_001043	MPL16_002517	TL2766_001028	WCFS1_001749
OG0000421	CRL1506_000919	CRL681_001042	MPL16_002516	TL2766_001029	WCFS1_001750
OG0000420	CRL1506_000918	CRL681_001041	MPL16_002515	TL2766_001030	WCFS1_001751
OG0000419	CRL1506_000917	CRL681_001040	MPL16_002514	TL2766_001031	WCFS1_001752
OG0000418	CRL1506_000916	CRL681_001039	MPL16_002513	TL2766_001032	WCFS1_001753
OG0000417	CRL1506_000915	CRL681_001038	MPL16_002512	TL2766_001033	WCFS1_001754
OG0000416	CRL1506_000914	CRL681_001037	MPL16_002511	TL2766_001034	WCFS1_001755
OG0000415	CRL1506_000913	CRL681_001036	MPL16_002510	TL2766_001035	WCFS1_001756
OG0000414	CRL1506_000912	CRL681_001035	MPL16_002509	TL2766_001036	WCFS1_001757
OG0000413	CRL1506_000911	CRL681_001034	MPL16_002508	TL2766_001037	WCFS1_001758
OG0000412	CRL1506_000910	CRL681_001033	MPL16_000060	TL2766_001038	WCFS1_001759
OG0000411	CRL1506_000909	CRL681_001032	MPL16_000059	TL2766_001039	WCFS1_001760
OG0000410	CRL1506_000908	CRL681_001031	MPL16_000058	TL2766_001040	WCFS1_001761
OG0001008	CRL1506_000907	CRL681_001030	MPL16_000057	TL2766_001041	WCFS1_001762
OG0000409	CRL1506_000906	CRL681_001029	MPL16_000056	TL2766_001042	WCFS1_001763
OG0000408	CRL1506_000905	CRL681_001028	MPL16_000055	TL2766_001043	WCFS1_001764
OG0000407	CRL1506_000904	CRL681_001027	MPL16_000054	TL2766_001044	WCFS1_001765
OG0000406	CRL1506_000903	CRL681_001026	MPL16_000053	TL2766_001045	WCFS1_001766
OG0000405	CRL1506_000902	CRL681_001025	MPL16_000052	TL2766_001046	WCFS1_001767
OG0000404	CRL1506_000900	CRL681_001022	MPL16_000051	TL2766_001048	WCFS1_001769
OG0000403	CRL1506_000899	CRL681_001021	MPL16_000050	TL2766_001049	WCFS1_001770
OG0000402	CRL1506_000898	CRL681_001020	MPL16_000049	TL2766_001050	WCFS1_001771
OG0000401	CRL1506_000897	CRL681_001019	MPL16_000048	TL2766_001051	WCFS1_001772
OG0000815	CRL1506_001431	CRL681_001016	MPL16_000044	TL2766_001107	WCFS1_001774
OG0000814	CRL1506_001430	CRL681_001015	MPL16_000043	TL2766_001108	WCFS1_001775
OG0000813	CRL1506_001429	CRL681_001014	MPL16_000042	TL2766_001109	WCFS1_001776
OG0000812	CRL1506_001428	CRL681_001013	MPL16_000041	TL2766_001110	WCFS1_001777
OG0000811	CRL1506_001427	CRL681_001012	MPL16_000040	TL2766_001111	WCFS1_001778
OG0000810	CRL1506_001426	CRL681_001011	MPL16_000039	TL2766_001112	WCFS1_001779
OG0000809	CRL1506_001425	CRL681_001010	MPL16_000038	TL2766_001113	WCFS1_001780
OG0000808	CRL1506_001424	CRL681_001009	MPL16_000037	TL2766_001114	WCFS1_001781
OG0000807	CRL1506_001423	CRL681_001008	MPL16_000036	TL2766_001115	WCFS1_001782
OG0000806	CRL1506_001422	CRL681_001007	MPL16_000035	TL2766_001116	WCFS1_001783
OG0000805	CRL1506_001421	CRL681_001006	MPL16_000034	TL2766_001117	WCFS1_001784

OG0000804	CRL1506_001420	CRL681_001005	MPL16_000033	TL2766_001118	WCFS1_001785
OG0000803	CRL1506_001419	CRL681_001004	MPL16_000032	TL2766_001119	WCFS1_001786
OG0000802	CRL1506_001418	CRL681_001003	MPL16_000031	TL2766_001120	WCFS1_001787
OG0000801	CRL1506_001417	CRL681_001002	MPL16_000030	TL2766_001121	WCFS1_001788
OG0000800	CRL1506_001416	CRL681_001001	MPL16_000029	TL2766_001122	WCFS1_001789
OG0000799	CRL1506_000597, CRL1506_001415	CRL681_001000		TL2766_001123	WCFS1_001790
OG0000147	CRL1506_000599, CRL1506_001414	CRL681_000999		TL2766_000773, TL2766_001124	WCFS1_001791
OG0000798	CRL1506_000600, CRL1506_001413	CRL681_000998		TL2766_001125	WCFS1_001792
OG0000797	CRL1506_000601, CRL1506_001412	CRL681_000997		TL2766_001126	WCFS1_001793
OG0002680	CRL1506_001406	CRL681_000991			WCFS1_001799
OG0000796	CRL1506_001405	CRL681_000990	MPL16_000028	TL2766_001133	WCFS1_001800
OG0000146	CRL1506_001403	CRL681_000988	MPL16_000026, MPL16_000506	TL2766_001135	WCFS1_001802
OG0000795	CRL1506_001402	CRL681_000987	MPL16_000025	TL2766_001136	WCFS1_001803
OG0000794	CRL1506_001401	CRL681_000986	MPL16_000024	TL2766_001137	WCFS1_001804
OG0000793	CRL1506_001400	CRL681_000985	MPL16_000023	TL2766_001138	WCFS1_001805
OG0000792	CRL1506_001399	CRL681_000984	MPL16_000022	TL2766_001139	WCFS1_001806
OG0000791	CRL1506_001398	CRL681_000983	MPL16_000021	TL2766_001140	WCFS1_001807
OG0000790	CRL1506_001397	CRL681_000982	MPL16_000020	TL2766_001141	WCFS1_001808
OG0000789	CRL1506_001396	CRL681_000981	MPL16_000019	TL2766_001142	WCFS1_001809
OG0000788	CRL1506_001395	CRL681_000980	MPL16_000018	TL2766_001143	WCFS1_001810
OG0000787	CRL1506_001394	CRL681_000979	MPL16_000017	TL2766_001144	WCFS1_001811
OG0000051	CRL1506_001393	CRL681_000369, CRL681_000978	MPL16_000016, MPL16_000985	TL2766_001145, TL2766_002346	WCFS1_001812, WCFS1_002289
OG0002383	CRL1506_001392	CRL681_000977		TL2766_001146	WCFS1_001813
OG0000786	CRL1506_001391	CRL681_000976	MPL16_000014	TL2766_001147	WCFS1_001814
OG0000785	CRL1506_001390	CRL681_000975	MPL16_000013	TL2766_001148	WCFS1_001815
OG0000784	CRL1506_001389	CRL681_000974	MPL16_000012	TL2766_001149	WCFS1_001816
OG0002382	CRL1506_001388	CRL681_000973		TL2766_001150	WCFS1_001817
OG0000783	CRL1506_001387	CRL681_000972	MPL16_000010	TL2766_001151	WCFS1_001818

OG0000782	CRL1506_001386	CRL681_000971	MPL16_000009	TL2766_001152	WCFS1_001819
OG0000781	CRL1506_001385	CRL681_000970	MPL16_000008	TL2766_001153	WCFS1_001820
OG0000780	CRL1506_001384	CRL681_000969	MPL16_000007	TL2766_001154	WCFS1_001821
OG0000779	CRL1506_001383	CRL681_000968	MPL16_000006	TL2766_001155	WCFS1_001822
OG0000778	CRL1506_001382	CRL681_000967	MPL16_000005	TL2766_001156	WCFS1_001823
OG0000777	CRL1506_001381	CRL681_000966	MPL16_000004	TL2766_001157	WCFS1_001824
OG0000776	CRL1506_001380	CRL681_000965	MPL16_000003	TL2766_001158	WCFS1_001825
OG0002381	CRL1506_001379	CRL681_000964		TL2766_001159	WCFS1_001826
OG0000775	CRL1506_001378	CRL681_000963	MPL16_003121	TL2766_001160	WCFS1_001827
OG0000774	CRL1506_001377	CRL681_000962	MPL16_003122	TL2766_001161	WCFS1_001828
OG0000773	CRL1506_001376	CRL681_000961	MPL16_003123	TL2766_001162	WCFS1_001829
OG0000772	CRL1506_001375	CRL681_000960	MPL16_002505	TL2766_001163	WCFS1_001830
OG0000771	CRL1506_001374	CRL681_000959	MPL16_002504	TL2766_001164	WCFS1_001831
OG0000770	CRL1506_001373	CRL681_000958	MPL16_002503	TL2766_001165	WCFS1_001832
OG0000769	CRL1506_001372	CRL681_000957	MPL16_002502	TL2766_001166	WCFS1_001833
OG0000075	CRL1506_001371	CRL681_000956	MPL16_000377, MPL16_002115, MPL16_002501	TL2766_001167	WCFS1_001834
OG0000768	CRL1506_001370	CRL681_000955	MPL16_002500	TL2766_001168	WCFS1_001835
OG0000767	CRL1506_001369	CRL681_000954	MPL16_002499	TL2766_001169	WCFS1_001836
OG0000766	CRL1506_001368	CRL681_000953	MPL16_002498	TL2766_001170	WCFS1_001837
OG0000765	CRL1506_001367	CRL681_000952	MPL16_002497	TL2766_001171	WCFS1_001838
OG0000764	CRL1506_001366	CRL681_000951	MPL16_002496	TL2766_001172	WCFS1_001839
OG0000763	CRL1506_001365	CRL681_000950	MPL16_002495	TL2766_001173	WCFS1_001840
OG0000762	CRL1506_001364	CRL681_000949	MPL16_002494	TL2766_001174	WCFS1_001841
OG0000761	CRL1506_001363	CRL681_000948	MPL16_002493	TL2766_001175	WCFS1_001842
OG0000760	CRL1506_001362	CRL681_000947	MPL16_002492	TL2766_001176	WCFS1_001843
OG0000759	CRL1506_001361	CRL681_000946	MPL16_002491	TL2766_001177	WCFS1_001844
OG0000758	CRL1506_001359	CRL681_000944	MPL16_002489	TL2766_001179	WCFS1_001847
OG0000757	CRL1506_001358	CRL681_000943	MPL16_002488	TL2766_001180	WCFS1_001848
OG0000756	CRL1506_001357	CRL681_000942	MPL16_002487	TL2766_001181	WCFS1_001849
OG0000755	CRL1506_001356	CRL681_000941	MPL16_002486	TL2766_001182	WCFS1_001850
OG0002380	CRL1506_001355	CRL681_000940		TL2766_001183	WCFS1_001851
OG0000754	CRL1506_001354	CRL681_000939	MPL16_002484	TL2766_001184	WCFS1_001852

OG0000753	CRL1506_001353	CRL681_000938	MPL16_002483	TL2766_001185	WCFS1_001853
OG0000752	CRL1506_001352	CRL681_000937	MPL16_002482	TL2766_001186	WCFS1_001854
OG0000751	CRL1506_001351	CRL681_000936	MPL16_002481	TL2766_001187	WCFS1_001855
OG0000750	CRL1506_001350	CRL681_000935	MPL16_002480	TL2766_001188	WCFS1_001856
OG0000749	CRL1506_001349	CRL681_000934	MPL16_002479	TL2766_001189	WCFS1_001857
OG0000748	CRL1506_001348	CRL681_000933	MPL16_002478	TL2766_001190	WCFS1_001858
OG0000747	CRL1506_001347	CRL681_000932	MPL16_002477	TL2766_001191	WCFS1_001859
OG0000746	CRL1506_001346	CRL681_000931	MPL16_002476	TL2766_001192	WCFS1_001860
OG0000745	CRL1506_001345	CRL681_000930	MPL16_002475	TL2766_001193	WCFS1_001861
OG0000743	CRL1506_001340	CRL681_000929	MPL16_002474	TL2766_001198	WCFS1_001862
OG0000742	CRL1506_001339	CRL681_000928	MPL16_002473	TL2766_001199	WCFS1_001863
OG0000741	CRL1506_001338	CRL681_000927	MPL16_002472	TL2766_001200	WCFS1_001864
OG0000740	CRL1506_001337	CRL681_000926	MPL16_002471	TL2766_001201	WCFS1_001865
OG0000739	CRL1506_001336	CRL681_000925	MPL16_002470	TL2766_001202	WCFS1_001866
OG0000738	CRL1506_001335	CRL681_000924	MPL16_002469	TL2766_001203	WCFS1_001867
OG0000737	CRL1506_001334	CRL681_000923	MPL16_002468	TL2766_001204	WCFS1_001868
OG0000736	CRL1506_001333	CRL681_000922	MPL16_002467	TL2766_001205	WCFS1_001869
OG0000735	CRL1506_001332	CRL681_000921	MPL16_002466	TL2766_001206	WCFS1_001870
OG0000734	CRL1506_001331	CRL681_000920	MPL16_002465	TL2766_001207	WCFS1_001871
OG0000733	CRL1506_001330	CRL681_000919	MPL16_002464	TL2766_001208	WCFS1_001872
OG0000732	CRL1506_001329	CRL681_000918	MPL16_002463	TL2766_001209	WCFS1_001873
OG0000731	CRL1506_001328	CRL681_000917	MPL16_002462	TL2766_001210	WCFS1_001874
OG0000730	CRL1506_001327	CRL681_000916	MPL16_002461	TL2766_001211	WCFS1_001875
OG0001020	CRL1506_001326	CRL681_000915	MPL16_002460	TL2766_001212	WCFS1_001876
OG0000729	CRL1506_001325	CRL681_000914	MPL16_002459	TL2766_001213	WCFS1_001877
OG0000728	CRL1506_001324	CRL681_000913	MPL16_002458	TL2766_001214	WCFS1_001878
OG0000727	CRL1506_001323	CRL681_000912	MPL16_002457	TL2766_001215	WCFS1_001879
OG0000726	CRL1506_001322	CRL681_000911	MPL16_002456	TL2766_001216	WCFS1_001880
OG0000725	CRL1506_001321	CRL681_000910	MPL16_002455	TL2766_001217	WCFS1_001881
OG0000724	CRL1506_001320	CRL681_000909	MPL16_002454	TL2766_001218	WCFS1_001882
OG0000723	CRL1506_001319	CRL681_001402	MPL16_002453	TL2766_001219	WCFS1_001883
OG0000722	CRL1506_001318	CRL681_001401	MPL16_002452	TL2766_001220	WCFS1_001884
OG0000721	CRL1506_001317	CRL681_001400	MPL16_002451	TL2766_001221	WCFS1_001885
OG0000720	CRL1506_001316	CRL681_001399	MPL16_002450	TL2766_001222	WCFS1_001886

OG0000719	CRL1506_001315	CRL681_001398	MPL16_002449	TL2766_001223	WCFS1_001887
OG0000718	CRL1506_001314	CRL681_001397	MPL16_002448	TL2766_001224	WCFS1_001888
OG0000717	CRL1506_001313	CRL681_001396	MPL16_002447	TL2766_001225	WCFS1_001889
OG0000716	CRL1506_001312	CRL681_001395	MPL16_002446	TL2766_001226	WCFS1_001890
OG0000715	CRL1506_001311	CRL681_001394	MPL16_002445	TL2766_001227	WCFS1_001891
OG0000714	CRL1506_001310	CRL681_001393	MPL16_002444	TL2766_001228	WCFS1_001892
OG0000713	CRL1506_001309	CRL681_001392	MPL16_002443	TL2766_001229	WCFS1_001893
OG0000712	CRL1506_001308	CRL681_001391	MPL16_002442	TL2766_001230	WCFS1_001894
OG0000711	CRL1506_001307	CRL681_001390	MPL16_002441	TL2766_001231	WCFS1_001895
OG0000710	CRL1506_001306	CRL681_001389	MPL16_002440	TL2766_001232	WCFS1_001896
OG0000709	CRL1506_001305	CRL681_001388	MPL16_002439	TL2766_001233	WCFS1_001897
OG0000708	CRL1506_001304	CRL681_001387	MPL16_002438	TL2766_001234	WCFS1_001898
OG0000707	CRL1506_001303	CRL681_001386	MPL16_002437	TL2766_001235	WCFS1_001899
OG0000961	CRL1506_001660	CRL681_000019	MPL16_002687	TL2766_002461	WCFS1_001925
OG0001025	CRL1506_001661	CRL681_000020	MPL16_002688	TL2766_002462	WCFS1_001926
OG0000962	CRL1506_001662	CRL681_000021	MPL16_002689	TL2766_002463	WCFS1_001927
OG0000963	CRL1506_001663	CRL681_000022	MPL16_002692	TL2766_002464	WCFS1_001928
OG0000964	CRL1506_001664	CRL681_000023	MPL16_002693	TL2766_002465	WCFS1_001929
OG0000965	CRL1506_001665	CRL681_000024	MPL16_002694	TL2766_002466	WCFS1_001930
OG0000966	CRL1506_001666	CRL681_000025	MPL16_002695	TL2766_002467	WCFS1_001931
OG0001026	CRL1506_001667	CRL681_000026	MPL16_002696	TL2766_002468	WCFS1_001932
OG0000967	CRL1506_001668	CRL681_000027	MPL16_002697	TL2766_002469	WCFS1_001933
OG0000968	CRL1506_001669	CRL681_000028	MPL16_002698	TL2766_002470	WCFS1_001934
OG0000969	CRL1506_001670	CRL681_000029	MPL16_002699	TL2766_002471	WCFS1_001935
OG0001027	CRL1506_001671	CRL681_000030	MPL16_002700	TL2766_002472	WCFS1_001936
OG0000970	CRL1506_001672	CRL681_000031	MPL16_002702	TL2766_002473	WCFS1_001937
OG0000971	CRL1506_001673	CRL681_000032	MPL16_002703	TL2766_002474	WCFS1_001938
OG0000972	CRL1506_001674	CRL681_000033	MPL16_002704	TL2766_002475	WCFS1_001939
OG0000973	CRL1506_001675	CRL681_000034	MPL16_002705	TL2766_002476	WCFS1_001940
OG0000974	CRL1506_001676	CRL681_000035	MPL16_002706	TL2766_002477	WCFS1_001941
OG0000975	CRL1506_001677	CRL681_000036	MPL16_002707	TL2766_002478	WCFS1_001942
OG0000976	CRL1506_001678	CRL681_000037	MPL16_002708	TL2766_002479	WCFS1_001943
OG0000977	CRL1506_001679	CRL681_000038	MPL16_002709	TL2766_002480	WCFS1_001944
OG0000978	CRL1506_001680	CRL681_000039	MPL16_002710	TL2766_002481	WCFS1_001945

OG0000979	CRL1506_001681	CRL681_000040	MPL16_002711	TL2766_002482	WCFS1_001946
OG0000980	CRL1506_001682	CRL681_000041	MPL16_002712	TL2766_002483	WCFS1_001947
OG0000981	CRL1506_001683	CRL681_000042	MPL16_002713	TL2766_002484	WCFS1_001948
OG0000157	CRL1506_001684	CRL681_000043	MPL16_000788, MPL16_002714	TL2766_002485	WCFS1_001949
OG0000982	CRL1506_001685	CRL681_000044	MPL16_002715	TL2766_002486	WCFS1_001950
OG0000983	CRL1506_001686	CRL681_000045	MPL16_002716	TL2766_002487	WCFS1_001951
OG0000984	CRL1506_001687	CRL681_000046	MPL16_002717	TL2766_002488	WCFS1_001952
OG0000985	CRL1506_001688	CRL681_000047	MPL16_002718	TL2766_002489	WCFS1_001953
OG0000986	CRL1506_001689	CRL681_000048	MPL16_002719	TL2766_002490	WCFS1_001954
OG0000987	CRL1506_001690	CRL681_000049	MPL16_002720	TL2766_002491	WCFS1_001955
OG0000988	CRL1506_001691	CRL681_000050	MPL16_002721	TL2766_002492	WCFS1_001956
OG0000989	CRL1506_001692	CRL681_000051	MPL16_002722	TL2766_002493	WCFS1_001957
OG0000990	CRL1506_001693	CRL681_000052	MPL16_002723	TL2766_002494	WCFS1_001958
OG0002416	CRL1506_001694	CRL681_000053		TL2766_002495	WCFS1_001959
OG0000991	CRL1506_001695	CRL681_000054	MPL16_002725	TL2766_002496	WCFS1_001960
OG0000992	CRL1506_001696	CRL681_000055	MPL16_002726	TL2766_002497	WCFS1_001961
OG0000993	CRL1506_001697	CRL681_000056	MPL16_002727	TL2766_002498	WCFS1_001962
OG0000994	CRL1506_001698	CRL681_000057	MPL16_002728	TL2766_002499	WCFS1_001963
OG0000995	CRL1506_001699	CRL681_000058	MPL16_002729	TL2766_002500	WCFS1_001964
OG0000996	CRL1506_001700	CRL681_000059	MPL16_002730	TL2766_002501	WCFS1_001965
OG0000997	CRL1506_001701	CRL681_000060	MPL16_002731	TL2766_002502	WCFS1_001966
OG0000998	CRL1506_001702	CRL681_000061	MPL16_002732	TL2766_002503	WCFS1_001967
OG0000999	CRL1506_001703	CRL681_000062	MPL16_002733	TL2766_002504	WCFS1_001968
OG0001000	CRL1506_001704	CRL681_000063	MPL16_002734	TL2766_002505	WCFS1_001969
OG0001001	CRL1506_001705	CRL681_000064	MPL16_002735	TL2766_002506	WCFS1_001970
OG0001002	CRL1506_001706	CRL681_000065	MPL16_002736	TL2766_002507	WCFS1_001971
OG0001003	CRL1506_001707	CRL681_000066	MPL16_002737	TL2766_002508	WCFS1_001972
OG0001004	CRL1506_001708	CRL681_000067	MPL16_002738	TL2766_002509	WCFS1_001973
OG0001005	CRL1506_001709	CRL681_000068	MPL16_002739	TL2766_002510	WCFS1_001974
OG0001006	CRL1506_001710	CRL681_000069	MPL16_002740	TL2766_002511	WCFS1_001975
OG0001007	CRL1506_001711	CRL681_000070	MPL16_002741	TL2766_002512	WCFS1_001976
OG0001028	CRL1506_001712	CRL681_000071	MPL16_002742	TL2766_002513	WCFS1_001977
OG0001225	CRL1506_002015	CRL681_000072	MPL16_002743	TL2766_002514	WCFS1_001978

OG0001224	CRL1506_002014	CRL681_000073	MPL16_002744	TL2766_002515	WCFS1_001979
OG0001223	CRL1506_002013	CRL681_000074	MPL16_002745	TL2766_002516	WCFS1_001980
OG0001222	CRL1506_002012	CRL681_000075	MPL16_002746	TL2766_002517	WCFS1_001981
OG0001221	CRL1506_002011	CRL681_000076	MPL16_002747	TL2766_002518	WCFS1_001982
OG0001220	CRL1506_002010	CRL681_000077	MPL16_002748	TL2766_002519	WCFS1_001983
OG0001219	CRL1506_002009	CRL681_000078	MPL16_002749	TL2766_002520	WCFS1_001984
OG0001218	CRL1506_002008	CRL681_000079	MPL16_002750	TL2766_002521	WCFS1_001985
OG0001217	CRL1506_002007	CRL681_000080	MPL16_002751	TL2766_002522	WCFS1_001986
OG0001724	CRL1506_002006	CRL681_000081	MPL16_002752	TL2766_002523	WCFS1_001987
OG0001216	CRL1506_002005	CRL681_000082	MPL16_002753	TL2766_002524	WCFS1_001988
OG0001215	CRL1506_002004	CRL681_000083	MPL16_002754	TL2766_002714	WCFS1_001989
OG0001214	CRL1506_002003	CRL681_000084	MPL16_002755	TL2766_002715	WCFS1_001990
OG0001213	CRL1506_002002	CRL681_000085	MPL16_002756	TL2766_002716	WCFS1_001991
OG0001212	CRL1506_002001	CRL681_000086	MPL16_002757	TL2766_002717	WCFS1_001992
OG0001211	CRL1506_002000	CRL681_000087	MPL16_002758	TL2766_002718	WCFS1_001993
OG0001210	CRL1506_001999	CRL681_000088	MPL16_002759	TL2766_002719	WCFS1_001994
OG0001209	CRL1506_001998	CRL681_000089	MPL16_002760	TL2766_002720	WCFS1_001995
OG0001208	CRL1506_001997	CRL681_000090	MPL16_002761	TL2766_002721	WCFS1_001996
OG0001207	CRL1506_001996	CRL681_000091	MPL16_002762	TL2766_002722	WCFS1_001997
OG0001206	CRL1506_001995	CRL681_000092	MPL16_002763	TL2766_002723	WCFS1_001998
OG0001205	CRL1506_001994	CRL681_000093	MPL16_002764	TL2766_002724	WCFS1_001999
OG0001204	CRL1506_001993	CRL681_000094	MPL16_002765	TL2766_002725	WCFS1_002000
OG0002436	CRL1506_001992	CRL681_000095		TL2766_002726	WCFS1_002001
OG0001309	CRL1506_002126	CRL681_000096	MPL16_002766	TL2766_002727	WCFS1_002002
OG0001308	CRL1506_002125	CRL681_000097	MPL16_002767	TL2766_002728	WCFS1_002003
OG0001307	CRL1506_002124	CRL681_000098	MPL16_002768	TL2766_002729	WCFS1_002004
OG0001306	CRL1506_002123	CRL681_000099	MPL16_002769	TL2766_002730	WCFS1_002005
OG0001305	CRL1506_002122	CRL681_000100	MPL16_002770	TL2766_002731	WCFS1_002006
OG0001304	CRL1506_002121	CRL681_000101	MPL16_002771	TL2766_002732	WCFS1_002007
OG0001303	CRL1506_002120	CRL681_000102	MPL16_002772	TL2766_002733	WCFS1_002008
OG0001302	CRL1506_002119	CRL681_000103	MPL16_002773	TL2766_002734	WCFS1_002009
OG0000172	CRL1506_002118	CRL681_000104	MPL16_002774	TL2766_002735	WCFS1_002010, WCFS1_003121
OG0001301	CRL1506_002111	CRL681_000105	MPL16_002775	TL2766_002742	WCFS1_002011

OG0001300	CRL1506_002110	CRL681_000106	MPL16_002776	TL2766_002743	WCFS1_002012
OG0001299	CRL1506_002108	CRL681_000108	MPL16_002778	TL2766_002745	WCFS1_002014
OG0001726	CRL1506_002107	CRL681_000109	MPL16_002779	TL2766_002746	WCFS1_002015
OG0002438	CRL1506_002106	CRL681_000110		TL2766_000449	WCFS1_002016
OG0001298	CRL1506_002104	CRL681_000112	MPL16_002782	TL2766_000451	WCFS1_002018
OG0001297	CRL1506_002103	CRL681_000113	MPL16_002783	TL2766_000452	WCFS1_002019
OG0001296	CRL1506_002102	CRL681_000114	MPL16_002784	TL2766_000453	WCFS1_002020
OG0001295	CRL1506_002100	CRL681_000116	MPL16_002786	TL2766_000455	WCFS1_002022
OG0001294	CRL1506_002099	CRL681_000117	MPL16_002787	TL2766_000456	WCFS1_002023
OG0001725	CRL1506_002098	CRL681_000118	MPL16_002788	TL2766_000457	WCFS1_002024
OG0001293	CRL1506_002097	CRL681_000119	MPL16_002789	TL2766_000458	WCFS1_002025
OG0001292	CRL1506_002096	CRL681_000120	MPL16_002790	TL2766_000459	WCFS1_002026
OG0001291	CRL1506_002095	CRL681_000121	MPL16_002791	TL2766_000460	WCFS1_002027
OG0001290	CRL1506_002094	CRL681_000122	MPL16_002792	TL2766_000461	WCFS1_002028
OG0001289	CRL1506_002093	CRL681_000123	MPL16_002793	TL2766_000462	WCFS1_002029
OG0001288	CRL1506_002092	CRL681_000124	MPL16_002794	TL2766_000463	WCFS1_002030
OG0001287	CRL1506_002091	CRL681_000125	MPL16_002795	TL2766_000464	WCFS1_002031
OG0001286	CRL1506_002090	CRL681_000126	MPL16_002796	TL2766_000465	WCFS1_002032
OG0001285	CRL1506_002089	CRL681_000127	MPL16_002797	TL2766_000466	WCFS1_002033
OG0001284	CRL1506_002088	CRL681_000128	MPL16_002798	TL2766_000467	WCFS1_002034
OG0001283	CRL1506_002087	CRL681_000129	MPL16_002799	TL2766_000468	WCFS1_002035
OG0001282	CRL1506_002086	CRL681_000130	MPL16_002800	TL2766_000469	WCFS1_002036
OG0001281	CRL1506_002085	CRL681_000131	MPL16_002801	TL2766_000470	WCFS1_002037
OG0001280	CRL1506_002084	CRL681_000132	MPL16_002802	TL2766_000471	WCFS1_002038
OG0001279	CRL1506_002083	CRL681_000133	MPL16_002803	TL2766_000472	WCFS1_002039
OG0001278	CRL1506_002082	CRL681_000134	MPL16_002804	TL2766_000473	WCFS1_002040
OG0001277	CRL1506_002081	CRL681_000135	MPL16_002805	TL2766_000474	WCFS1_002041
OG0001276	CRL1506_002079	CRL681_000137	MPL16_002806	TL2766_000133	WCFS1_002043
OG0001275	CRL1506_002078	CRL681_000138	MPL16_002807	TL2766_000132	WCFS1_002044
OG0001274	CRL1506_002077	CRL681_000139	MPL16_002808	TL2766_000131	WCFS1_002045
OG0001273	CRL1506_002076	CRL681_000140	MPL16_002809	TL2766_000130	WCFS1_002046
OG0001272	CRL1506_002075	CRL681_000141	MPL16_002810	TL2766_000129	WCFS1_002047
OG0001271	CRL1506_002074	CRL681_000142	MPL16_002811	TL2766_000128	WCFS1_002048
OG0001270	CRL1506_002073	CRL681_000143	MPL16_002812	TL2766_000127	WCFS1_002049

OG0001269	CRL1506_002072	CRL681_000144	MPL16_002813	TL2766_000126	WCFS1_002050
OG0001268	CRL1506_002071	CRL681_000145	MPL16_002814	TL2766_000125	WCFS1_002051
OG0001267	CRL1506_002070	CRL681_000146	MPL16_002815	TL2766_000124	WCFS1_002052
OG0001266	CRL1506_002069	CRL681_000147	MPL16_002816	TL2766_000123	WCFS1_002053
OG0001265	CRL1506_002068	CRL681_000148	MPL16_002817	TL2766_000122	WCFS1_002054
OG0001264	CRL1506_002067	CRL681_000149	MPL16_002818	TL2766_000121	WCFS1_002055
OG0001263	CRL1506_002066	CRL681_000150	MPL16_002819	TL2766_000120	WCFS1_002056
OG0001262	CRL1506_002065	CRL681_000151	MPL16_002820	TL2766_000119	WCFS1_002057
OG0001261	CRL1506_002064	CRL681_000152	MPL16_002821	TL2766_000118	WCFS1_002058
OG0001260	CRL1506_002063	CRL681_000153	MPL16_002822	TL2766_000117	WCFS1_002059
OG0001259	CRL1506_002062	CRL681_000154	MPL16_002823	TL2766_000116	WCFS1_002060
OG0001722	CRL1506_002804		MPL16_001538, MPL16_002825	TL2766_000114	WCFS1_002061
OG0003453					WCFS1_002064
OG0003055				TL2766_001056	WCFS1_002065
OG0003454					WCFS1_002066
OG0003031			MPL16_002833		WCFS1_002067
OG0002706	CRL1506_001873		MPL16_002834		WCFS1_002068
OG0003455					WCFS1_002069
OG0003456					WCFS1_002084
OG0003457					WCFS1_002088
OG0003458					WCFS1_002089
OG0002866	CRL1506_002913				WCFS1_002090
OG0000099	CRL1506_002917	CRL681_000190, CRL681_000672	MPL16_001568, MPL16_002862	TL2766_000082	WCFS1_002092
OG0002619		CRL681_000193	MPL16_002863	TL2766_000081	WCFS1_002093
OG0002556	CRL1506_002923	CRL681_000667	MPL16_001575		WCFS1_002098
OG0002557	CRL1506_002924	CRL681_000666	MPL16_001576		WCFS1_002099
OG0002869	CRL1506_002925				WCFS1_002100
OG0003459					WCFS1_002101
OG0002297	CRL1506_000704	CRL681_000200	MPL16_002870	TL2766_000072	WCFS1_002102
OG0002621		CRL681_000201	MPL16_002871	TL2766_000071	WCFS1_002103
OG0002808			MPL16_002872	TL2766_000070	WCFS1_002104

OG0002419	CRL1506_001728			TL2766_002043	WCFS1_002105, WCFS1_002772
OG0002743	CRL1506_000700	CRL681_000656			WCFS1_002108
OG0003460					WCFS1_002109
OG0002889	CRL1506_000698				WCFS1_002115
OG0002888	CRL1506_000697				WCFS1_002116
OG0002622		CRL681_000220	MPL16_002888	TL2766_000049	WCFS1_002117
OG0001258	CRL1506_002060	CRL681_000222	MPL16_002890	TL2766_000047	WCFS1_002119
OG0003461					WCFS1_002121
OG0003462					WCFS1_002122
OG0003056				TL2766_001069	WCFS1_002123
OG0002804			MPL16_001557	TL2766_001072	WCFS1_002125
OG0003463					WCFS1_002126
OG0002627		CRL681_000685	MPL16_001559	TL2766_001074	WCFS1_002127
OG0003464					WCFS1_002128
OG0002626		CRL681_000681	MPL16_001561	TL2766_001078	WCFS1_002129
OG0002803			MPL16_001553	TL2766_001068	WCFS1_002130
OG0003465					WCFS1_002131
OG0003058					WCFS1_002132, WCFS1_002843
OG0002715	CRL1506_002626		MPL16_002663		WCFS1_002133
OG0003059					WCFS1_002134, WCFS1_002845
OG0003466					WCFS1_002135
OG0003467					WCFS1_002136
OG0001257	CRL1506_002058	CRL681_000224	MPL16_002892	TL2766_000045	WCFS1_002139
OG0001256	CRL1506_002057	CRL681_000225	MPL16_002893	TL2766_000044	WCFS1_002140
OG0001255	CRL1506_002056	CRL681_000226	MPL16_002894	TL2766_000043	WCFS1_002141
OG0001254	CRL1506_002055	CRL681_000227	MPL16_002895	TL2766_000042	WCFS1_002142
OG0002623		CRL681_000228	MPL16_002896	TL2766_000041	WCFS1_002143
OG0000012	CRL1506_002052, CRL1506_002053	CRL681_000229, CRL681_000230	MPL16_002897, MPL16_002898, MPL16_002899, MPL16_002900	TL2766_000039, TL2766_000040	WCFS1_002144, WCFS1_002145

OG0001253	CRL1506_002051	CRL681_000231	MPL16_002901	TL2766_000038	WCFS1_002146
OG0002624		CRL681_000232	MPL16_002902	TL2766_000037	WCFS1_002147
OG0001118	CRL1506_001864	CRL681_000233	MPL16_002903	TL2766_000036	WCFS1_002148
OG0002295	CRL1506_000695	CRL681_000235	MPL16_002905	TL2766_000034	WCFS1_002150
OG0002294	CRL1506_000694	CRL681_000236	MPL16_002906	TL2766_000033	WCFS1_002151
OG0002293	CRL1506_000693	CRL681_000237	MPL16_002907	TL2766_000032	WCFS1_002152
OG0002292	CRL1506_000692	CRL681_000238	MPL16_002908	TL2766_000031	WCFS1_002153
OG0002291	CRL1506_000691	CRL681_000239	MPL16_002909	TL2766_000030	WCFS1_002154
OG0002290	CRL1506_000690	CRL681_000240	MPL16_002910	TL2766_000029	WCFS1_002155
OG0002289	CRL1506_000689	CRL681_000241	MPL16_002911	TL2766_000028	WCFS1_002156
OG0002288	CRL1506_000688	CRL681_000242	MPL16_002912	TL2766_000027	WCFS1_002157
OG0002287	CRL1506_000686	CRL681_000244	MPL16_000063	TL2766_000025	WCFS1_002159
OG0002286	CRL1506_000685	CRL681_000245	MPL16_000064	TL2766_000024	WCFS1_002160
OG0002285	CRL1506_000684	CRL681_000246	MPL16_000065	TL2766_000023	WCFS1_002161
OG0002284	CRL1506_000683	CRL681_000247	MPL16_000066	TL2766_000022	WCFS1_002162
OG0002283	CRL1506_000682	CRL681_000248	MPL16_000067	TL2766_000021	WCFS1_002163
OG0002282	CRL1506_000681	CRL681_000249	MPL16_000068	TL2766_000020	WCFS1_002164
OG0002281	CRL1506_000680	CRL681_000250	MPL16_000069	TL2766_000019	WCFS1_002165
OG0002280	CRL1506_000679	CRL681_000251	MPL16_000070	TL2766_000018	WCFS1_002166
OG0002279	CRL1506_000678	CRL681_000252	MPL16_000071	TL2766_000017	WCFS1_002167
OG0002278	CRL1506_000677	CRL681_000253	MPL16_000072	TL2766_000016	WCFS1_002168
OG0002277	CRL1506_000676	CRL681_000254	MPL16_000073	TL2766_000015	WCFS1_002169
OG0002276	CRL1506_000675	CRL681_000255	MPL16_000074	TL2766_000014	WCFS1_002170
OG0002275	CRL1506_000674	CRL681_000256	MPL16_000075	TL2766_000013	WCFS1_002171
OG0002299	CRL1506_000673	CRL681_000257	MPL16_000076	TL2766_000012	WCFS1_002172
OG0002053	CRL1506_000329	CRL681_000258	MPL16_000077	TL2766_000011	WCFS1_002173
OG0000042	CRL1506_000328, CRL1506_000464	CRL681_000259, CRL681_002384	MPL16_000078, MPL16_001834	TL2766_000010, TL2766_002251	WCFS1_002174, WCFS1_002516
OG0002052	CRL1506_000327	CRL681_000260	MPL16_000079	TL2766_000009	WCFS1_002175
OG0002051	CRL1506_000326	CRL681_000261	MPL16_000080	TL2766_000008	WCFS1_002176
OG0002050	CRL1506_000325	CRL681_000262	MPL16_000081	TL2766_000007	WCFS1_002177
OG0002049	CRL1506_000324	CRL681_000263	MPL16_000082	TL2766_000006	WCFS1_002178
OG0002048	CRL1506_000323	CRL681_000264	MPL16_000083	TL2766_000005	WCFS1_002179
OG0002055	CRL1506_000322	CRL681_000265	MPL16_000084	TL2766_000004	WCFS1_002180

OG0002047	CRL1506_000321	CRL681_000266	MPL16_000085	TL2766_000003	WCFS1_002181
OG0002046	CRL1506_000320	CRL681_000267	MPL16_000086	TL2766_000002	WCFS1_002182
OG0002045	CRL1506_000319	CRL681_000268	MPL16_000087	TL2766_000001	WCFS1_002183
OG0002044	CRL1506_000318	CRL681_000269	MPL16_000088	TL2766_002019	WCFS1_002184
OG0002043	CRL1506_000317	CRL681_000270	MPL16_000089	TL2766_002018	WCFS1_002185
OG0002042	CRL1506_000316	CRL681_000271	MPL16_000090	TL2766_002017	WCFS1_002186
OG0002041	CRL1506_000315	CRL681_000272	MPL16_000092	TL2766_002016	WCFS1_002187
OG0002040	CRL1506_000314	CRL681_000273	MPL16_000093	TL2766_002015	WCFS1_002188
OG0002570	CRL1506_000313	CRL681_000274		TL2766_002014	WCFS1_002189
OG0002039	CRL1506_000312	CRL681_000275	MPL16_000095	TL2766_002013	WCFS1_002190
OG0002054	CRL1506_000311	CRL681_000276	MPL16_000096	TL2766_002012	WCFS1_002191
OG0002038	CRL1506_000310	CRL681_000277	MPL16_000097	TL2766_002011	WCFS1_002192
OG0002037	CRL1506_000309	CRL681_000278	MPL16_000098	TL2766_002010	WCFS1_002193
OG0002036	CRL1506_000308	CRL681_000279	MPL16_000099	TL2766_002009	WCFS1_002194
OG0002035	CRL1506_000307	CRL681_000280	MPL16_000100	TL2766_002008	WCFS1_002195
OG0002034	CRL1506_000306	CRL681_000281	MPL16_000101	TL2766_002007	WCFS1_002196
OG0002033	CRL1506_000305	CRL681_000282	MPL16_000102	TL2766_002006	WCFS1_002197
OG0002032	CRL1506_000304	CRL681_000283	MPL16_000296	TL2766_002005	WCFS1_002198
OG0002031	CRL1506_000303	CRL681_000284	MPL16_000297	TL2766_002004	WCFS1_002199
OG0002030	CRL1506_000302	CRL681_000285	MPL16_000298	TL2766_002003	WCFS1_002200
OG0000169	CRL1506_002027	CRL681_002419	MPL16_001868	TL2766_002645	WCFS1_002201, WCFS1_002551
OG0003468					WCFS1_002203
OG0002029	CRL1506_000299	CRL681_000288	MPL16_000300	TL2766_001999	WCFS1_002205
OG0002028	CRL1506_000298	CRL681_000289	MPL16_000301	TL2766_001998	WCFS1_002206
OG0002027	CRL1506_000297	CRL681_000290	MPL16_000302	TL2766_001997	WCFS1_002207
OG0002026	CRL1506_000296	CRL681_000291	MPL16_000303	TL2766_001996	WCFS1_002208
OG0002025	CRL1506_000295	CRL681_000292	MPL16_001492	TL2766_001995	WCFS1_002209
OG0002024	CRL1506_000294	CRL681_000293	MPL16_000304	TL2766_001994	WCFS1_002210
OG0002023	CRL1506_000293	CRL681_000294	MPL16_000305	TL2766_001993	WCFS1_002211
OG0002022	CRL1506_000292	CRL681_000295	MPL16_000306	TL2766_001992	WCFS1_002212
OG0002021	CRL1506_000291	CRL681_000296	MPL16_000307	TL2766_001991	WCFS1_002213
OG0002569	CRL1506_000290	CRL681_000297		TL2766_001990	WCFS1_002214
OG0002568	CRL1506_000289	CRL681_000298		TL2766_001989	WCFS1_002215

OG0002020	CRL1506_000288	CRL681_000299	MPL16_000310	TL2766_001988	WCFS1_002216
OG0002019	CRL1506_000287	CRL681_000300	MPL16_000311	TL2766_001987	WCFS1_002217
OG0002018	CRL1506_000286	CRL681_000301	MPL16_000312	TL2766_001986	WCFS1_002218
OG0002017	CRL1506_000285	CRL681_000302	MPL16_000313	TL2766_001985	WCFS1_002219
OG0002016	CRL1506_000284	CRL681_000303	MPL16_000314	TL2766_001984	WCFS1_002220
OG0002780		CRL681_000304	MPL16_000315		WCFS1_002221
OG0002015	CRL1506_000282	CRL681_000305	MPL16_000316	TL2766_001982	WCFS1_002222
OG0002014	CRL1506_000281	CRL681_000306	MPL16_000317	TL2766_001981	WCFS1_002223
OG0002562	CRL1506_000115	CRL681_000307		TL2766_001980	WCFS1_002224
OG0001880	CRL1506_000116	CRL681_000308	MPL16_002538	TL2766_001979	WCFS1_002225
OG0000100	CRL1506_000117	CRL681_000309, CRL681_002938	MPL16_002539	TL2766_001978	WCFS1_002226, WCFS1_003049
OG0001881	CRL1506_000118	CRL681_000310	MPL16_002540	TL2766_001977	WCFS1_002227
OG0000066	CRL1506_000119	CRL681_000311	MPL16_001185, MPL16_001831, MPL16_002073, MPL16_002541	TL2766_001976	WCFS1_002228
OG0002563	CRL1506_000120	CRL681_000312		TL2766_001975	WCFS1_002229
OG0000101	CRL1506_000121	CRL681_000313, CRL681_000560	MPL16_000461, MPL16_001731	TL2766_001974	WCFS1_002230
OG0001882	CRL1506_000122	CRL681_000314	MPL16_001732	TL2766_001973	WCFS1_002231
OG0001883	CRL1506_000123	CRL681_000315	MPL16_001733	TL2766_001972	WCFS1_002232
OG0001884	CRL1506_000124	CRL681_000316	MPL16_001734	TL2766_001971	WCFS1_002233
OG0001885	CRL1506_000125	CRL681_000317	MPL16_001735	TL2766_001970	WCFS1_002234
OG0001886	CRL1506_000126	CRL681_000318	MPL16_001736	TL2766_001969	WCFS1_002235
OG0001887	CRL1506_000127	CRL681_000319	MPL16_001737	TL2766_001968	WCFS1_002236
OG0001888	CRL1506_000128	CRL681_000320	MPL16_001738	TL2766_001967	WCFS1_002237
OG0001889	CRL1506_000129	CRL681_000321	MPL16_001739	TL2766_001966	WCFS1_002238
OG0001890	CRL1506_000130	CRL681_000322	MPL16_001740	TL2766_001965	WCFS1_002240
OG0001891	CRL1506_000131	CRL681_000323	MPL16_001741	TL2766_001964	WCFS1_002241
OG0001892	CRL1506_000132	CRL681_000324	MPL16_001742	TL2766_001963	WCFS1_002242
OG0001893	CRL1506_000133	CRL681_000325	MPL16_001743	TL2766_001962	WCFS1_002243
OG0002564	CRL1506_000134	CRL681_000326		TL2766_001961	WCFS1_002244

OG0001894	CRL1506_000135	CRL681_000327		TL2766_001960, TL2766_002304	WCFS1_002245
OG0001895	CRL1506_000136	CRL681_000328	MPL16_001745	TL2766_002305	WCFS1_002246
OG0001896	CRL1506_000137	CRL681_000329	MPL16_001746	TL2766_002306	WCFS1_002247
OG0001897	CRL1506_000138	CRL681_000330	MPL16_001747	TL2766_002307	WCFS1_002248
OG0001898	CRL1506_000139	CRL681_000331	MPL16_001748	TL2766_002308	WCFS1_002249
OG0001899	CRL1506_000140	CRL681_000332	MPL16_001749	TL2766_002309	WCFS1_002250
OG0001900	CRL1506_000141	CRL681_000333	MPL16_001750	TL2766_002310	WCFS1_002251
OG0001901	CRL1506_000142	CRL681_000334	MPL16_001751	TL2766_002311	WCFS1_002252
OG0001902	CRL1506_000143	CRL681_000335	MPL16_001752	TL2766_002312	WCFS1_002253
OG0001903	CRL1506_000144	CRL681_000336	MPL16_001753	TL2766_002313	WCFS1_002254
OG0001904	CRL1506_000145	CRL681_000337	MPL16_001754	TL2766_002314	WCFS1_002255
OG0001905	CRL1506_000146	CRL681_000338	MPL16_001755	TL2766_002315	WCFS1_002256
OG0001906	CRL1506_000147	CRL681_000339	MPL16_001756	TL2766_002316	WCFS1_002257
OG0002876	CRL1506_000148				WCFS1_002258
OG0002879	CRL1506_000149				WCFS1_002259
OG0002877	CRL1506_000150				WCFS1_002260
OG0002878	CRL1506_000151				WCFS1_002261
OG0002880	CRL1506_000152				WCFS1_002262
OG0001907	CRL1506_000153	CRL681_000340	MPL16_000960	TL2766_002317	WCFS1_002263
OG0001908	CRL1506_000154	CRL681_000341	MPL16_000961	TL2766_002318	WCFS1_002264
OG0002565	CRL1506_000155	CRL681_000345		TL2766_002322	WCFS1_002265
OG0001909	CRL1506_000156	CRL681_000346	MPL16_000962	TL2766_002323	WCFS1_002266
OG0002012	CRL1506_000157	CRL681_000347	MPL16_000963	TL2766_002324	WCFS1_002267
OG0000039	CRL1506_000158, CRL1506_002520	CRL681_000348, CRL681_002986	MPL16_000964, MPL16_003187	TL2766_001821, TL2766_002325	WCFS1_002268, WCFS1_002991
OG0001910	CRL1506_000159	CRL681_000349	MPL16_000965	TL2766_002326	WCFS1_002269
OG0001911	CRL1506_000160	CRL681_000350	MPL16_000966	TL2766_002327	WCFS1_002270
OG0001912	CRL1506_000161	CRL681_000351	MPL16_000967	TL2766_002328	WCFS1_002271
OG0001913	CRL1506_000162	CRL681_000352	MPL16_000968	TL2766_002329	WCFS1_002272
OG0000225	CRL1506_000163	CRL681_000353	MPL16_000969	TL2766_002330, TL2766_002451	WCFS1_002273
OG0001914	CRL1506_000164	CRL681_000354	MPL16_000970	TL2766_002331	WCFS1_002274
OG0001915	CRL1506_000165	CRL681_000355	MPL16_000971	TL2766_002332	WCFS1_002275

OG0002566	CRL1506_000166	CRL681_000356	MPL16_000972		WCFS1_002276
OG0001916	CRL1506_000167	CRL681_000357	MPL16_000973	TL2766_002334	WCFS1_002277
OG0001917	CRL1506_000168	CRL681_000358	MPL16_000974	TL2766_002335	WCFS1_002278
OG0001918	CRL1506_000169	CRL681_000359	MPL16_000975	TL2766_002336	WCFS1_002279
OG0000226	CRL1506_000170	CRL681_000360, CRL681_002255	MPL16_000976	TL2766_002337	WCFS1_002280
OG0001919	CRL1506_000171	CRL681_000361	MPL16_000977	TL2766_002338	WCFS1_002281
OG0001920	CRL1506_000172	CRL681_000362	MPL16_000978	TL2766_002339	WCFS1_002282
OG0001921	CRL1506_000173	CRL681_000363	MPL16_000979	TL2766_002340	WCFS1_002283
OG0000227	CRL1506_000174	CRL681_000364	MPL16_000980	TL2766_002154, TL2766_002341	WCFS1_002284
OG0001922	CRL1506_000175	CRL681_000365	MPL16_000981	TL2766_002342	WCFS1_002285
OG0001923	CRL1506_000176	CRL681_000366	MPL16_000982	TL2766_002343	WCFS1_002286
OG0001924	CRL1506_000177	CRL681_000367	MPL16_000983	TL2766_002344	WCFS1_002287
OG0001925	CRL1506_000178	CRL681_000368	MPL16_000984	TL2766_002345	WCFS1_002288
OG0000228	CRL1506_000180	CRL681_000370, CRL681_002833	MPL16_000986	TL2766_002347	WCFS1_002290
OG0001926	CRL1506_000181	CRL681_000371	MPL16_000987	TL2766_002348	WCFS1_002291
OG0000229	CRL1506_000182	CRL681_000372	MPL16_000988, MPL16_001097	TL2766_002349	WCFS1_002292
OG0001927	CRL1506_000183	CRL681_000373	MPL16_000989	TL2766_002350	WCFS1_002293
OG0001928	CRL1506_000184	CRL681_000374	MPL16_000990	TL2766_002351	WCFS1_002294
OG0001929	CRL1506_000185	CRL681_000375	MPL16_000991	TL2766_002352	WCFS1_002295
OG0001930	CRL1506_000186	CRL681_000376	MPL16_000992	TL2766_002353	WCFS1_002296
OG0001931	CRL1506_000187	CRL681_000377	MPL16_000993	TL2766_002354	WCFS1_002297
OG0001932	CRL1506_000188	CRL681_000378	MPL16_000994	TL2766_002355	WCFS1_002298
OG0001933	CRL1506_000189	CRL681_000379	MPL16_001348	TL2766_002356	WCFS1_002299
OG0001934	CRL1506_000190	CRL681_000380	MPL16_001347	TL2766_002357	WCFS1_002300
OG0001935	CRL1506_000191	CRL681_000381	MPL16_001346	TL2766_002358	WCFS1_002301
OG0001936	CRL1506_000192	CRL681_000382	MPL16_001345	TL2766_002359	WCFS1_002302
OG0001937	CRL1506_000193	CRL681_000383	MPL16_001344	TL2766_002360	WCFS1_002303
OG0001938	CRL1506_000195	CRL681_000385	MPL16_001342	TL2766_002362	WCFS1_002305
OG0001939	CRL1506_000196	CRL681_000386	MPL16_001341	TL2766_002363	WCFS1_002306
OG0001940	CRL1506_000197	CRL681_000387	MPL16_001340	TL2766_002364	WCFS1_002307

OG0001941	CRL1506_000198	CRL681_000388	MPL16_001339	TL2766_002365	WCFS1_002308
OG0001942	CRL1506_000199	CRL681_000389	MPL16_001338	TL2766_002366	WCFS1_002309
OG0001943	CRL1506_000200	CRL681_000390	MPL16_001337	TL2766_002367	WCFS1_002310
OG0001944	CRL1506_000201	CRL681_000391	MPL16_001336	TL2766_002368	WCFS1_002311
OG0001945	CRL1506_000202	CRL681_000392	MPL16_001335	TL2766_002369	WCFS1_002312
OG0001946	CRL1506_000203	CRL681_000393	MPL16_001334	TL2766_002370	WCFS1_002313
OG0001947	CRL1506_000204	CRL681_000394	MPL16_001333	TL2766_002371	WCFS1_002314
OG0001948	CRL1506_000205	CRL681_000395	MPL16_001332	TL2766_002372	WCFS1_002315
OG0001949	CRL1506_000206	CRL681_000396	MPL16_001331	TL2766_002373	WCFS1_002316
OG0001950	CRL1506_000207	CRL681_000397	MPL16_001330	TL2766_002374	WCFS1_002317
OG0001951	CRL1506_000208	CRL681_000398	MPL16_001329	TL2766_002375	WCFS1_002318
OG0001952	CRL1506_000209	CRL681_000399	MPL16_001328	TL2766_002376	WCFS1_002319
OG0001953	CRL1506_000210	CRL681_000400	MPL16_001327	TL2766_002377	WCFS1_002320
OG0001954	CRL1506_000211	CRL681_000401	MPL16_001326	TL2766_002378	WCFS1_002321
OG0001955	CRL1506_000212	CRL681_000402	MPL16_001325	TL2766_002379	WCFS1_002322
OG0001956	CRL1506_000213	CRL681_000403	MPL16_001324	TL2766_002380	WCFS1_002323
OG0001957	CRL1506_000214	CRL681_000404	MPL16_001323	TL2766_002381	WCFS1_002324
OG0001958	CRL1506_000215	CRL681_000405	MPL16_001322	TL2766_002382	WCFS1_002325
OG0001959	CRL1506_000216	CRL681_000406	MPL16_001321	TL2766_002383	WCFS1_002326
OG0001960	CRL1506_000217	CRL681_000407	MPL16_001320	TL2766_002384	WCFS1_002327
OG0001961	CRL1506_000218	CRL681_000408	MPL16_001319	TL2766_002385	WCFS1_002328
OG0001962	CRL1506_000219	CRL681_000409	MPL16_001318	TL2766_002386	WCFS1_002329
OG0001963	CRL1506_000220	CRL681_000410	MPL16_001317	TL2766_002387	WCFS1_002330
OG0001964	CRL1506_000221	CRL681_000411	MPL16_001316	TL2766_002388	WCFS1_002331
OG0001965	CRL1506_000222	CRL681_000412	MPL16_001315	TL2766_002389	WCFS1_002332
OG0001966	CRL1506_000223	CRL681_000413	MPL16_001314	TL2766_002390	WCFS1_002333
OG0001967	CRL1506_000224	CRL681_000414	MPL16_001313	TL2766_002391	WCFS1_002334
OG0001968	CRL1506_000225	CRL681_000415	MPL16_001312	TL2766_002392	WCFS1_002335
OG0001969	CRL1506_000226	CRL681_000416	MPL16_001311	TL2766_002393	WCFS1_002336
OG0001970	CRL1506_000227	CRL681_000417	MPL16_001310	TL2766_002869	WCFS1_002337
OG0001971	CRL1506_000228	CRL681_000418	MPL16_001309	TL2766_002868	WCFS1_002338
OG0000230	CRL1506_000229	CRL681_000419, CRL681_000561	MPL16_001308	TL2766_002867	WCFS1_002339
OG0001972	CRL1506_000230	CRL681_000420	MPL16_001307	TL2766_002866	WCFS1_002340

OG0001973	CRL1506_000231	CRL681_000421	MPL16_001306	TL2766_002865	WCFS1_002341
OG0001974	CRL1506_000232	CRL681_000422	MPL16_001304	TL2766_002864	WCFS1_002342
OG0001975	CRL1506_000233	CRL681_000423	MPL16_001303	TL2766_002863	WCFS1_002343
OG0001976	CRL1506_000234	CRL681_000424	MPL16_001302	TL2766_002862	WCFS1_002344
OG0001977	CRL1506_000235	CRL681_000425	MPL16_001301	TL2766_002861	WCFS1_002345
OG0001978	CRL1506_000236	CRL681_000426	MPL16_001299	TL2766_002860	WCFS1_002346
OG0001979	CRL1506_000237	CRL681_000427	MPL16_001298	TL2766_002859	WCFS1_002347
OG0002013	CRL1506_000238	CRL681_000428	MPL16_001297	TL2766_002858	WCFS1_002348
OG0001980	CRL1506_000239	CRL681_000429	MPL16_001296	TL2766_002857	WCFS1_002349
OG0001981	CRL1506_000240	CRL681_000430	MPL16_001295	TL2766_002856	WCFS1_002350
OG0001982	CRL1506_000241	CRL681_000431	MPL16_001294	TL2766_002855	WCFS1_002351
OG0001983	CRL1506_000242	CRL681_000432	MPL16_001293	TL2766_002854	WCFS1_002352
OG0001984	CRL1506_000243	CRL681_000433	MPL16_001292	TL2766_002853	WCFS1_002353
OG0001985	CRL1506_000244	CRL681_000434	MPL16_001291	TL2766_002852	WCFS1_002354
OG0001986	CRL1506_000245	CRL681_000435	MPL16_001290	TL2766_002851	WCFS1_002355
OG0001987	CRL1506_000246	CRL681_000436	MPL16_001289	TL2766_002850	WCFS1_002356
OG0001988	CRL1506_000247	CRL681_000437	MPL16_001288	TL2766_002849	WCFS1_002357
OG0001989	CRL1506_000248	CRL681_000438	MPL16_001286	TL2766_002848	WCFS1_002358
OG0001990	CRL1506_000249	CRL681_000439	MPL16_001285	TL2766_002847	WCFS1_002359
OG0000231	CRL1506_000250	CRL681_000440	MPL16_000773, MPL16_001284	TL2766_002846	WCFS1_002360
OG0001991	CRL1506_000251	CRL681_000441	MPL16_001283	TL2766_002845	WCFS1_002361
OG0001992	CRL1506_000252	CRL681_000442	MPL16_001282	TL2766_002844	WCFS1_002362
OG0001993	CRL1506_000253	CRL681_000443	MPL16_001278	TL2766_002843	WCFS1_002363
OG0001994	CRL1506_000256	CRL681_000446	MPL16_001275	TL2766_002840	WCFS1_002366
OG0001995	CRL1506_000257	CRL681_000447	MPL16_001274	TL2766_002839	WCFS1_002367
OG0001996	CRL1506_000258	CRL681_000448	MPL16_001273	TL2766_002838	WCFS1_002368
OG0001997	CRL1506_000259	CRL681_000449	MPL16_001272	TL2766_002837	WCFS1_002369
OG0001998	CRL1506_000260	CRL681_000450	MPL16_001271	TL2766_002836	WCFS1_002370
OG0001999	CRL1506_000261	CRL681_000451	MPL16_001270	TL2766_002835	WCFS1_002371
OG0002000	CRL1506_000262	CRL681_000452	MPL16_001269	TL2766_002834	WCFS1_002372
OG0000102	CRL1506_000263	CRL681_000453, CRL681_002578	MPL16_001268	TL2766_001597, TL2766_002833	WCFS1_002373
OG0002001	CRL1506_000264	CRL681_000454	MPL16_001267	TL2766_002832	WCFS1_002374

OG0002002	CRL1506_000265	CRL681_000455	MPL16_001266	TL2766_002831	WCFS1_002375
OG0002003	CRL1506_000266	CRL681_002210	MPL16_001265	TL2766_002830	WCFS1_002376
OG0002004	CRL1506_000267	CRL681_002211	MPL16_001264	TL2766_002829	WCFS1_002377
OG0002005	CRL1506_000268	CRL681_002212	MPL16_001263	TL2766_002828	WCFS1_002378
OG0002663		CRL681_002213	MPL16_001262	TL2766_002827	WCFS1_002379
OG0000175	CRL1506_000270, CRL1506_002220	CRL681_002214	MPL16_001261	TL2766_002826	WCFS1_002380
OG0002006	CRL1506_000271	CRL681_002215	MPL16_001260	TL2766_002825	WCFS1_002381
OG0002007	CRL1506_000272	CRL681_002216	MPL16_001259	TL2766_002824	WCFS1_002382
OG0002008	CRL1506_000273	CRL681_002217	MPL16_001258	TL2766_002823	WCFS1_002383
OG0002009	CRL1506_000274	CRL681_002218	MPL16_001257	TL2766_002822	WCFS1_002384
OG0002010	CRL1506_000275	CRL681_002219	MPL16_001256	TL2766_002821	WCFS1_002385
OG0000008	CRL1506_000276, CRL1506_000387, CRL1506_000393, CRL1506_000400, CRL1506_001835	CRL681_001914, CRL681_002220	MPL16_001092, MPL16_001255	TL2766_002148, TL2766_002551, TL2766_002557, TL2766_002564, TL2766_002820	WCFS1_002386
OG0002011	CRL1506_000277	CRL681_002221	MPL16_001254	TL2766_002819	WCFS1_002387
OG0002056	CRL1506_000333	CRL681_002264	MPL16_002005	TL2766_000528	WCFS1_002392
OG0002057	CRL1506_000334	CRL681_002265	MPL16_002006	TL2766_000529	WCFS1_002393
OG0002058	CRL1506_000335	CRL681_002266	MPL16_002007	TL2766_000530	WCFS1_002394
OG0002571	CRL1506_000336	CRL681_002267		TL2766_000531	WCFS1_002395
OG0002059	CRL1506_000337	CRL681_002268	MPL16_002009	TL2766_000532	WCFS1_002396
OG0002060	CRL1506_000338	CRL681_002269	MPL16_002011	TL2766_000533	WCFS1_002397
OG0002061	CRL1506_000340	CRL681_002271	MPL16_002012	TL2766_002275	WCFS1_002399
OG0002062	CRL1506_000341	CRL681_002272	MPL16_002013	TL2766_002276	WCFS1_002400
OG0002156	CRL1506_000342	CRL681_002273	MPL16_002014	TL2766_002277	WCFS1_002401
OG0002063	CRL1506_000343	CRL681_002274	MPL16_002015	TL2766_002278	WCFS1_002402
OG0002064	CRL1506_000344	CRL681_002275	MPL16_002016	TL2766_002279	WCFS1_002403
OG0002065	CRL1506_000345	CRL681_002276	MPL16_002017	TL2766_002280	WCFS1_002404
OG0002066	CRL1506_000346	CRL681_002277	MPL16_002019	TL2766_002281	WCFS1_002405
OG0002067	CRL1506_000347	CRL681_002278	MPL16_002020	TL2766_002282	WCFS1_002406
OG0000233	CRL1506_000348	CRL681_002279	MPL16_002021	TL2766_002283, TL2766_002531	WCFS1_002407

OG0002068	CRL1506_000349	CRL681_002280	MPL16_002022	TL2766_002284	WCFS1_002408
OG0002614		CRL681_002281	MPL16_002023	TL2766_002285	WCFS1_002409
OG0002069	CRL1506_000351	CRL681_002282	MPL16_002024	TL2766_002286	WCFS1_002410
OG0002070	CRL1506_000352	CRL681_002283	MPL16_002025	TL2766_002287	WCFS1_002411
OG0002071	CRL1506_000353	CRL681_002284	MPL16_002026	TL2766_002289	WCFS1_002412
OG0002072	CRL1506_000354	CRL681_002285	MPL16_002027	TL2766_002290	WCFS1_002413
OG0002073	CRL1506_000355	CRL681_002286	MPL16_002028	TL2766_002291	WCFS1_002414
OG0002074	CRL1506_000356	CRL681_002287	MPL16_002029	TL2766_002292	WCFS1_002415
OG0002075	CRL1506_000357	CRL681_002288	MPL16_002030	TL2766_002293	WCFS1_002416
OG0002076	CRL1506_000358	CRL681_002289	MPL16_002031	TL2766_002294	WCFS1_002417
OG0002077	CRL1506_000359	CRL681_002290	MPL16_002032	TL2766_002295	WCFS1_002418
OG0002078	CRL1506_000360	CRL681_002291	MPL16_002033	TL2766_002296	WCFS1_002419
OG0002079	CRL1506_000361	CRL681_002292	MPL16_002034	TL2766_002297	WCFS1_002420
OG0000043	CRL1506_000362, CRL1506_000363	CRL681_002293, CRL681_002294	MPL16_002035, MPL16_002036	TL2766_002298, TL2766_002299	WCFS1_002421, WCFS1_002422
OG0002080	CRL1506_000364	CRL681_002295	MPL16_002038	TL2766_002300	WCFS1_002423
OG0002081	CRL1506_000365	CRL681_002296	MPL16_002039	TL2766_002525	WCFS1_002424
OG0002082	CRL1506_000366	CRL681_002297	MPL16_002040	TL2766_002526	WCFS1_002425
OG0000011	CRL1506_000367, CRL1506_002040	CRL681_002298, CRL681_002432	MPL16_001099, MPL16_001104, MPL16_001111, MPL16_002041	TL2766_002527, TL2766_002632	WCFS1_002426, WCFS1_002564
OG0000234	CRL1506_000368	CRL681_002299	MPL16_001082, MPL16_002042	TL2766_002528	WCFS1_002427
OG0000016	CRL1506_000369, CRL1506_002044	CRL681_002300, CRL681_002436	MPL16_001081, MPL16_001108, MPL16_002043	TL2766_002529, TL2766_002628	WCFS1_002428, WCFS1_002568
OG0002083	CRL1506_000370	CRL681_002301	MPL16_002044	TL2766_002530	WCFS1_002429
OG0002572	CRL1506_000371	CRL681_002302		TL2766_002533	WCFS1_002430
OG0002084	CRL1506_000372	CRL681_002303	MPL16_002046	TL2766_002534	WCFS1_002431
OG0002615		CRL681_002305	MPL16_002048	TL2766_002536	WCFS1_002433
OG0002085	CRL1506_000374	CRL681_002306	MPL16_002049	TL2766_002537	WCFS1_002434
OG0002086	CRL1506_000375	CRL681_002307	MPL16_002050	TL2766_002538	WCFS1_002435

OG0000067	CRL1506_000376	CRL681_002308, CRL681_002309	MPL16_002051	TL2766_002539, TL2766_002540	WCFS1_002436, WCFS1_002437
OG0002087	CRL1506_000377	CRL681_002310	MPL16_002052	TL2766_002541	WCFS1_002438
OG0002088	CRL1506_000378	CRL681_002311	MPL16_002053	TL2766_002542	WCFS1_002439
OG0002089	CRL1506_000379	CRL681_002312	MPL16_002054	TL2766_002543	WCFS1_002440
OG0002090	CRL1506_000380	CRL681_002313	MPL16_002055	TL2766_002544	WCFS1_002441
OG0002091	CRL1506_000381	CRL681_002314	MPL16_002056	TL2766_002545	WCFS1_002442
OG0002591	CRL1506_000382	CRL681_002315		TL2766_002546	WCFS1_002443
OG0002574	CRL1506_000383	CRL681_002316		TL2766_002547	WCFS1_002444
OG0000084	CRL1506_000384, CRL1506_001834	CRL681_002317		TL2766_002147, TL2766_002548	WCFS1_002445, WCFS1_002669
OG0002575	CRL1506_000385	CRL681_002318		TL2766_002549	WCFS1_002446
OG0002576	CRL1506_000386	CRL681_002319		TL2766_002550	WCFS1_002447
OG0002896		CRL681_002320			WCFS1_002448
OG0000044	CRL1506_000403, CRL1506_000483	CRL681_002321, CRL681_002403	MPL16_001678, MPL16_001852	TL2766_002270, TL2766_002567	WCFS1_002449, WCFS1_002535
OG0002092	CRL1506_000404	CRL681_002322	MPL16_001677	TL2766_002568	WCFS1_002450
OG0002093	CRL1506_000405	CRL681_002323	MPL16_001676	TL2766_002569	WCFS1_002451
OG0003469					WCFS1_002452
OG0002611		CRL681_000003	MPL16_000256, MPL16_000333		WCFS1_002453
OG0003491					WCFS1_002454
OG0002754		CRL681_002324		TL2766_002570	WCFS1_002455
OG0002094	CRL1506_000406	CRL681_002325	MPL16_000956	TL2766_002571	WCFS1_002456
OG0002095	CRL1506_000407	CRL681_002326	MPL16_000955	TL2766_002572	WCFS1_002457
OG0000235	CRL1506_000408	CRL681_002327	MPL16_000954, MPL16_001122	TL2766_002573	WCFS1_002458
OG0002096	CRL1506_000409	CRL681_002328	MPL16_000953	TL2766_002574	WCFS1_002459
OG0002097	CRL1506_000410	CRL681_002329	MPL16_000952	TL2766_002575	WCFS1_002460
OG0002098	CRL1506_000411	CRL681_002330	MPL16_000951	TL2766_002576	WCFS1_002461
OG0002885	CRL1506_000413				WCFS1_002463
OG0002099	CRL1506_000414	CRL681_002333	MPL16_000939	TL2766_002579	WCFS1_002464
OG0002100	CRL1506_000415	CRL681_002334	MPL16_000940	TL2766_002580	WCFS1_002465
OG0002101	CRL1506_000416	CRL681_002335	MPL16_000941	TL2766_002581	WCFS1_002466

OG0002102	CRL1506_000417	CRL681_002336	MPL16_000942	TL2766_002582	WCFS1_002467
OG0002581	CRL1506_000418	CRL681_002337	MPL16_000943		WCFS1_002468
OG0002103	CRL1506_000419	CRL681_002338	MPL16_000944	TL2766_002584	WCFS1_002469
OG0002104	CRL1506_000420	CRL681_002340	MPL16_000946	TL2766_002586	WCFS1_002470
OG0002105	CRL1506_000421	CRL681_002341	MPL16_000947	TL2766_002587	WCFS1_002471
OG0002106	CRL1506_000422	CRL681_002342	MPL16_000948	TL2766_002588	WCFS1_002472
OG0002107	CRL1506_000423	CRL681_002343	MPL16_000949	TL2766_002589	WCFS1_002473
OG0002108	CRL1506_000424	CRL681_002344	MPL16_000950	TL2766_002590	WCFS1_002474
OG0002109	CRL1506_000425	CRL681_002345	MPL16_001146	TL2766_002591	WCFS1_002475
OG0002110	CRL1506_000426	CRL681_002346	MPL16_001147	TL2766_002592	WCFS1_002476
OG0003057				TL2766_002302	WCFS1_002478
OG0002111	CRL1506_000427	CRL681_002347	MPL16_001148	TL2766_002593	WCFS1_002479
OG0002112	CRL1506_000428	CRL681_002348	MPL16_001149	TL2766_002594	WCFS1_002480
OG0002113	CRL1506_000429	CRL681_002349	MPL16_001150	TL2766_002595	WCFS1_002481
OG0002114	CRL1506_000430	CRL681_002350	MPL16_001151	TL2766_002596	WCFS1_002482
OG0002582	CRL1506_000431		MPL16_001152	TL2766_002597	WCFS1_002483
OG0002115	CRL1506_000432	CRL681_002352	MPL16_001153	TL2766_002598	WCFS1_002484
OG0002116	CRL1506_000433	CRL681_002353	MPL16_001154	TL2766_002599	WCFS1_002485
OG0002117	CRL1506_000434	CRL681_002354	MPL16_002610	TL2766_002600	WCFS1_002486
OG0002118	CRL1506_000435	CRL681_002355	MPL16_002609	TL2766_002601	WCFS1_002487
OG0002119	CRL1506_000436	CRL681_002356	MPL16_002608	TL2766_002602	WCFS1_002488
OG0002120	CRL1506_000437	CRL681_002357	MPL16_002607	TL2766_002603	WCFS1_002489
OG0002121	CRL1506_000438	CRL681_002358	MPL16_002606	TL2766_002604	WCFS1_002490
OG0002122	CRL1506_000439	CRL681_002359	MPL16_002605	TL2766_002605	WCFS1_002491
OG0002123	CRL1506_000440	CRL681_002360	MPL16_002604	TL2766_002606	WCFS1_002492
OG0002583	CRL1506_000442	CRL681_002362		TL2766_002608	WCFS1_002494
OG0002124	CRL1506_000443	CRL681_002363	MPL16_001814	TL2766_002609	WCFS1_002495
OG0002125	CRL1506_000444	CRL681_002364	MPL16_001815	TL2766_002610	WCFS1_002496
OG0002126	CRL1506_000445	CRL681_002365	MPL16_001816	TL2766_002611	WCFS1_002497
OG0002127	CRL1506_000446	CRL681_002366	MPL16_001817	TL2766_002612	WCFS1_002498
OG0002128	CRL1506_000447	CRL681_002367		TL2766_002232, TL2766_002321	WCFS1_002499
OG0002584	CRL1506_000448	CRL681_002368		TL2766_002233	WCFS1_002500
OG0002129	CRL1506_000449	CRL681_002369	MPL16_001818	TL2766_002234	WCFS1_002501

OG0002130	CRL1506_000450	CRL681_002370	MPL16_001819	TL2766_002235	WCFS1_002502
OG0002585	CRL1506_000451	CRL681_002371		TL2766_002236	WCFS1_002503
OG0002131	CRL1506_000452	CRL681_002372	MPL16_001821	TL2766_002237	WCFS1_002504
OG0002132	CRL1506_000453	CRL681_002373	MPL16_001822	TL2766_002238	WCFS1_002505
OG0002133	CRL1506_000454	CRL681_002374	MPL16_001823	TL2766_002239	WCFS1_002506
OG0002134	CRL1506_000455	CRL681_002375	MPL16_001824	TL2766_002240	WCFS1_002507
OG0002135	CRL1506_000456	CRL681_002376	MPL16_001825	TL2766_002241	WCFS1_002508
OG0002136	CRL1506_000457	CRL681_002377		TL2766_002156, TL2766_002242	WCFS1_002509
OG0002740	CRL1506_000458	CRL681_002378			WCFS1_002510
OG0002137	CRL1506_000459	CRL681_002379	MPL16_001826	TL2766_002244	WCFS1_002511
OG0002138	CRL1506_000460	CRL681_002380	MPL16_001827	TL2766_002245	WCFS1_002512
OG0002139	CRL1506_000461	CRL681_002381	MPL16_001829	TL2766_002248	WCFS1_002513
OG0000236	CRL1506_000462	CRL681_002382	MPL16_001830, MPL16_002203	TL2766_002249	WCFS1_002514
OG0002140	CRL1506_000465	CRL681_002385	MPL16_001835	TL2766_002252	WCFS1_002517
OG0002141	CRL1506_000466	CRL681_002386	MPL16_001836	TL2766_002253	WCFS1_002518
OG0002142	CRL1506_000467	CRL681_002387	MPL16_001837	TL2766_002254	WCFS1_002519
OG0002586	CRL1506_000468	CRL681_002388		TL2766_002255	WCFS1_002520
OG0002587	CRL1506_000469	CRL681_002389		TL2766_002256	WCFS1_002521
OG0002588	CRL1506_000470	CRL681_002390		TL2766_002257	WCFS1_002522
OG0002589	CRL1506_000471	CRL681_002391		TL2766_002258	WCFS1_002523
OG0002143	CRL1506_000473	CRL681_002393	MPL16_001840	TL2766_002260	WCFS1_002525
OG0002144	CRL1506_000474	CRL681_002394	MPL16_001841	TL2766_002261	WCFS1_002526
OG0002145	CRL1506_000475	CRL681_002395	MPL16_001842	TL2766_002262	WCFS1_002527
OG0002146	CRL1506_000476	CRL681_002396	MPL16_001843	TL2766_002263	WCFS1_002528
OG0002147	CRL1506_000477	CRL681_002397	MPL16_001844	TL2766_002264	WCFS1_002529
OG0002148	CRL1506_000478	CRL681_002398	MPL16_001846	TL2766_002265	WCFS1_002530
OG0002149	CRL1506_000479	CRL681_002399	MPL16_001847	TL2766_002266	WCFS1_002531
OG0002150	CRL1506_000480	CRL681_002400	MPL16_001848	TL2766_002267	WCFS1_002532
OG0002151	CRL1506_000481	CRL681_002401	MPL16_001850	TL2766_002268	WCFS1_002533
OG0002152	CRL1506_000482	CRL681_002402	MPL16_001851	TL2766_002269	WCFS1_002534
OG0002153	CRL1506_000484	CRL681_002404	MPL16_001853	TL2766_002271	WCFS1_002536
OG0002154	CRL1506_000485	CRL681_002405	MPL16_001854	TL2766_002272	WCFS1_002537

OG0000103	CRL1506_000487	CRL681_001851, CRL681_002407	MPL16_001856	TL2766_002274	WCFS1_002539, WCFS1_003129
OG0001226	CRL1506_002016	CRL681_002408	MPL16_001857	TL2766_002656	WCFS1_002540
OG0001227	CRL1506_002017	CRL681_002409	MPL16_001858	TL2766_002655	WCFS1_002541
OG0000086	CRL1506_002018	CRL681_001908, CRL681_001910, CRL681_002410	MPL16_001859	TL2766_002654	WCFS1_002542
OG0001228	CRL1506_002019	CRL681_002411	MPL16_001860	TL2766_002653	WCFS1_002543
OG0001229	CRL1506_002020	CRL681_002412	MPL16_001861	TL2766_002652	WCFS1_002544
OG0001230	CRL1506_002021	CRL681_002413	MPL16_001862	TL2766_002651	WCFS1_002545
OG0001231	CRL1506_002022	CRL681_002414	MPL16_001863	TL2766_002650	WCFS1_002546
OG0001232	CRL1506_002023	CRL681_002415	MPL16_001864	TL2766_002649	WCFS1_002547
OG0001233	CRL1506_002024	CRL681_002416	MPL16_001865	TL2766_002648	WCFS1_002548
OG0001234	CRL1506_002025	CRL681_002417	MPL16_001866	TL2766_002647	WCFS1_002549
OG0001235	CRL1506_002026	CRL681_002418	MPL16_001867	TL2766_002646	WCFS1_002550
OG0001236	CRL1506_002028	CRL681_002420	MPL16_001869	TL2766_002644	WCFS1_002552
OG0001237	CRL1506_002029	CRL681_002421	MPL16_001870	TL2766_002643	WCFS1_002553
OG0001238	CRL1506_002030	CRL681_002422	MPL16_001871	TL2766_002642	WCFS1_002554
OG0001239	CRL1506_002031	CRL681_002423	MPL16_001872	TL2766_002641	WCFS1_002555
OG0001240	CRL1506_002032	CRL681_002424	MPL16_003149	TL2766_002640	WCFS1_002556
OG0001241	CRL1506_002033	CRL681_002425	MPL16_000456	TL2766_002639	WCFS1_002557
OG0001242	CRL1506_002034	CRL681_002426	MPL16_000457	TL2766_002638	WCFS1_002558
OG0001243	CRL1506_002035	CRL681_002427	MPL16_000458	TL2766_002637	WCFS1_002559
OG0001244	CRL1506_002036	CRL681_002428	MPL16_000459	TL2766_002636	WCFS1_002560
OG0001245	CRL1506_002037	CRL681_002429	MPL16_000460	TL2766_002635	WCFS1_002561
OG0001246	CRL1506_002038	CRL681_002430	MPL16_001102	TL2766_002634	WCFS1_002562
OG0002437	CRL1506_002039	CRL681_002431		TL2766_002633	WCFS1_002563
OG0001247	CRL1506_002042	CRL681_002434	MPL16_001106	TL2766_002630	WCFS1_002566
OG0001248	CRL1506_002043	CRL681_002435	MPL16_001107	TL2766_002629	WCFS1_002567
OG0001249	CRL1506_002045	CRL681_002437	MPL16_001109	TL2766_002627	WCFS1_002569
OG0001250	CRL1506_002046	CRL681_002438	MPL16_003117	TL2766_002626	WCFS1_002570
OG0001251	CRL1506_002047	CRL681_002439	MPL16_003116	TL2766_002625	WCFS1_002571
OG0001252	CRL1506_002048	CRL681_002440	MPL16_000465	TL2766_002624	WCFS1_002573
OG0001778	CRL1506_002901	CRL681_002441	MPL16_000466	TL2766_002623	WCFS1_002574

OG0001777	CRL1506_002900	CRL681_002442	MPL16_000467	TL2766_002622	WCFS1_002575
OG0001776	CRL1506_002898	CRL681_002444	MPL16_000469	TL2766_002620	WCFS1_002577
OG0001775	CRL1506_002897	CRL681_002445	MPL16_000470	TL2766_002619	WCFS1_002578
OG0001774	CRL1506_002895	CRL681_002447	MPL16_000473	TL2766_002617	WCFS1_002579
OG0002553	CRL1506_002894		MPL16_000474	TL2766_002616	WCFS1_002580
OG0001773	CRL1506_002893	CRL681_002449	MPL16_000475	TL2766_002615	WCFS1_002581
OG0001772	CRL1506_002892	CRL681_002450	MPL16_000476	TL2766_002614	WCFS1_002582
OG0002756		CRL681_002451	MPL16_000477		WCFS1_002583
OG0002340		CRL681_001913, CRL681_002452	MPL16_000478	TL2766_002231	WCFS1_002584
OG0000222	CRL1506_002889	CRL681_002453	MPL16_001115, MPL16_002647	TL2766_002230	WCFS1_002585
OG0001771	CRL1506_002888	CRL681_002454	MPL16_002646	TL2766_002229	WCFS1_002586
OG0000215	CRL1506_002887	CRL681_002455	MPL16_001113, MPL16_002645	TL2766_002228	WCFS1_002587
OG0002552	CRL1506_002886	CRL681_002456		TL2766_002227	WCFS1_002588
OG0001770	CRL1506_002885	CRL681_002457	MPL16_002643	TL2766_002226	WCFS1_002589
OG0001769	CRL1506_002884	CRL681_002458	MPL16_002640	TL2766_002225	WCFS1_002590
OG0000221	CRL1506_002883	CRL681_002459	MPL16_002010, MPL16_002639	TL2766_002224	WCFS1_002591
OG0001768	CRL1506_002882	CRL681_002460	MPL16_002265	TL2766_002223	WCFS1_002592
OG0001767	CRL1506_002881	CRL681_002461	MPL16_002264	TL2766_002222	WCFS1_002593
OG0001766	CRL1506_002880	CRL681_002462	MPL16_002263	TL2766_002221	WCFS1_002594
OG0002550	CRL1506_002878	CRL681_002464		TL2766_002218	WCFS1_002596
OG0002549	CRL1506_002877	CRL681_002465		TL2766_002217	WCFS1_002597
OG0001765	CRL1506_002876	CRL681_002466	MPL16_001722	TL2766_002216	WCFS1_002598
OG0001764	CRL1506_002875	CRL681_002467	MPL16_001723	TL2766_002215	WCFS1_002599
OG0001763	CRL1506_002874	CRL681_002468	MPL16_001724	TL2766_002214	WCFS1_002600
OG0001812	CRL1506_002873	CRL681_002469	MPL16_003125	TL2766_002213	WCFS1_002601
OG0001762	CRL1506_002872	CRL681_002470	MPL16_003126	TL2766_002212	WCFS1_002602
OG0002548	CRL1506_002871	CRL681_002471		TL2766_002211	WCFS1_002603
OG0001761	CRL1506_002870	CRL681_002472	MPL16_003128	TL2766_002210	WCFS1_002604
OG0003035			MPL16_003129		WCFS1_002605
OG0003036			MPL16_003130		WCFS1_002606

OG0000214	CRL1506_002869	CRL681_002473	MPL16_000464, MPL16_003131	TL2766_002209	WCFS1_002607
OG0000213	CRL1506_002868	CRL681_002474	MPL16_002104, MPL16_003132	TL2766_002208	WCFS1_002608
OG0001760	CRL1506_002867	CRL681_002475	MPL16_003133	TL2766_002207	WCFS1_002609
OG0000017	CRL1506_002496, CRL1506_002865	CRL681_002477, CRL681_002971	MPL16_001664, MPL16_003109, MPL16_003134	TL2766_001806, TL2766_002205	WCFS1_002611, WCFS1_003016
OG0000038	CRL1506_002495, CRL1506_002864	CRL681_002478, CRL681_002970	MPL16_001663, MPL16_003110, MPL16_003135	TL2766_002204	WCFS1_002612, WCFS1_003017
OG0001759	CRL1506_002863	CRL681_002479	MPL16_003136	TL2766_002203	WCFS1_002613
OG0001758	CRL1506_002862	CRL681_002480	MPL16_003137	TL2766_002202	WCFS1_002614
OG0001757	CRL1506_002861	CRL681_002481	MPL16_003138	TL2766_002201	WCFS1_002615
OG0001811	CRL1506_002860	CRL681_002482	MPL16_003139	TL2766_002200	WCFS1_002616
OG0001756	CRL1506_002859	CRL681_002483	MPL16_003141	TL2766_002199	WCFS1_002617
OG0001755	CRL1506_002858	CRL681_002484	MPL16_003142	TL2766_002198	WCFS1_002618
OG0001754	CRL1506_002857	CRL681_002485	MPL16_003143	TL2766_002197	WCFS1_002619
OG0001753	CRL1506_002856	CRL681_002486	MPL16_002193	TL2766_002196	WCFS1_002620
OG0001752	CRL1506_002855	CRL681_002487	MPL16_003224	TL2766_002195	WCFS1_002621
OG0002733	CRL1506_002854	CRL681_002488			WCFS1_002622
OG0000022	CRL1506_000841, CRL1506_002853	CRL681_002489, CRL681_003169	MPL16_002095, MPL16_002393	TL2766_000520, TL2766_002194	WCFS1_002623, WCFS1_002795
OG0001751	CRL1506_002852	CRL681_002490	MPL16_002096	TL2766_002191	WCFS1_002624
OG0001750	CRL1506_002851	CRL681_002491	MPL16_002097	TL2766_002190	WCFS1_002625
OG0001810	CRL1506_002850	CRL681_002492	MPL16_002098	TL2766_002189	WCFS1_002626
OG0000212	CRL1506_002849	CRL681_002493	MPL16_002067, MPL16_002099	TL2766_002188	WCFS1_002627
OG0001749	CRL1506_002848	CRL681_002494	MPL16_002068	TL2766_002187	WCFS1_002628
OG0000211	CRL1506_002847	CRL681_002495	MPL16_000328, MPL16_002069	TL2766_002186	WCFS1_002629
OG0002547	CRL1506_002846	CRL681_002496		TL2766_002185	WCFS1_002630
OG0002732	CRL1506_002845			TL2766_002184	WCFS1_002631

OG0000210	CRL1506_002844	CRL681_001917, CRL681_002498	MPL16_002070	TL2766_002183	WCFS1_002632
OG0000209	CRL1506_002843	CRL681_002499	MPL16_001096, MPL16_002071	TL2766_002182	WCFS1_002633
OG0002546	CRL1506_002842		MPL16_002074	TL2766_002181	WCFS1_002634
OG0002545	CRL1506_002841		MPL16_002075	TL2766_002180	WCFS1_002635
OG0002544	CRL1506_002840		MPL16_002076	TL2766_002179	WCFS1_002636
OG0002543	CRL1506_002839		MPL16_001223	TL2766_002178	WCFS1_002637
OG0002542	CRL1506_002838		MPL16_001222	TL2766_002177	WCFS1_002638
OG0002664			MPL16_000091, MPL16_001221	TL2766_002176	WCFS1_002639
OG0002431	CRL1506_001861	CRL681_002500		TL2766_002175	WCFS1_002640
OG0002430	CRL1506_001860	CRL681_002501		TL2766_002174	WCFS1_002641
OG0002429	CRL1506_001859		MPL16_001217	TL2766_002173	WCFS1_002642
OG0001111	CRL1506_001858	CRL681_002503	MPL16_001216	TL2766_002172	WCFS1_002643
OG0001110	CRL1506_001857	CRL681_002504	MPL16_001215	TL2766_002171	WCFS1_002644
OG0001109	CRL1506_001856	CRL681_002505	MPL16_001697	TL2766_002170	WCFS1_002645
OG0001108	CRL1506_001855	CRL681_002506	MPL16_000447	TL2766_002169	WCFS1_002646
OG0000165	CRL1506_001854	CRL681_000017, CRL681_002507	MPL16_000448	TL2766_002168	WCFS1_002647
OG0003045			MPL16_000449		WCFS1_002648
OG0003470					WCFS1_002649
OG0002427	CRL1506_001847	CRL681_001901		TL2766_002161	WCFS1_002653
OG0000092	CRL1506_002530	CRL681_002996	MPL16_003177	TL2766_001483, TL2766_001831	WCFS1_002655, WCFS1_002981
OG0000195	CRL1506_002529	CRL681_002995	MPL16_003178	TL2766_001830	WCFS1_002656, WCFS1_002982
OG0000091	CRL1506_002528	CRL681_002994	MPL16_003179	TL2766_001485, TL2766_001829	WCFS1_002657, WCFS1_002983
OG0001107	CRL1506_001846	CRL681_001902	MPL16_001589	TL2766_002160	WCFS1_002658
OG0002701	CRL1506_001845	CRL681_001903			WCFS1_002659
OG0002700	CRL1506_001844	CRL681_001904			WCFS1_002660
OG0002699	CRL1506_001843			TL2766_002155	WCFS1_002661
OG0002698	CRL1506_001839			TL2766_002153	WCFS1_002663

OG0002822	CRL1506_001838				WCFS1_002664
OG0000164	CRL1506_001837		MPL16_001668	TL2766_002150, TL2766_002151	WCFS1_002665, WCFS1_002666
OG0002697	CRL1506_001836			TL2766_002149	WCFS1_002667
OG0002696	CRL1506_001833			TL2766_002146	WCFS1_002670
OG0002695	CRL1506_001832			TL2766_002145	WCFS1_002671
OG0002694	CRL1506_001831			TL2766_002144	WCFS1_002672
OG0002693	CRL1506_001830			TL2766_002143	WCFS1_002673
OG0002821	CRL1506_001829				WCFS1_002674
OG0002692	CRL1506_001828			TL2766_002142	WCFS1_002675
OG0001106	CRL1506_001827	CRL681_001926	MPL16_002184	TL2766_002141	WCFS1_002676
OG0001105	CRL1506_001826	CRL681_001927	MPL16_002187	TL2766_002140	WCFS1_002677
OG0001104	CRL1506_001825	CRL681_001928	MPL16_002188	TL2766_002139	WCFS1_002678
OG0001103	CRL1506_001824	CRL681_001929	MPL16_002189	TL2766_002138	WCFS1_002679
OG0001102	CRL1506_001823	CRL681_001930	MPL16_002190	TL2766_002137	WCFS1_002680
OG0001101	CRL1506_001822	CRL681_001931	MPL16_002191	TL2766_002136	WCFS1_002681
OG0001100	CRL1506_001821	CRL681_001932	MPL16_002192	TL2766_002135	WCFS1_002682
OG0001099	CRL1506_001820	CRL681_001933	MPL16_002195	TL2766_002134	WCFS1_002683
OG0000163	CRL1506_001819	CRL681_001934	MPL16_001588, MPL16_002196	TL2766_002133	WCFS1_002684
OG0001098	CRL1506_001818	CRL681_001935	MPL16_002197	TL2766_002132	WCFS1_002685
OG0001097	CRL1506_001817	CRL681_001936	MPL16_002198	TL2766_002131	WCFS1_002686
OG0001096	CRL1506_001814	CRL681_001939	MPL16_002200	TL2766_002129	WCFS1_002688
OG0001095	CRL1506_001813	CRL681_001940	MPL16_002201	TL2766_002128	WCFS1_002689
OG0001094	CRL1506_001812	CRL681_001941	MPL16_002202	TL2766_002127	WCFS1_002690
OG0001093	CRL1506_001811	CRL681_001942	MPL16_002205	TL2766_002126	WCFS1_002691
OG0000162	CRL1506_001810	CRL681_001943	MPL16_001118, MPL16_002206	TL2766_002125	WCFS1_002692
OG0000161	CRL1506_001809	CRL681_001944	MPL16_001117, MPL16_002207	TL2766_002124	WCFS1_002693
OG0002425	CRL1506_001808	CRL681_001945		TL2766_002123	WCFS1_002694
OG0001092	CRL1506_001807	CRL681_001946	MPL16_002208	TL2766_002122	WCFS1_002695
OG0001091	CRL1506_001806	CRL681_001947	MPL16_002209	TL2766_002121	WCFS1_002696
OG0001090	CRL1506_001805	CRL681_001948	MPL16_002210	TL2766_002120	WCFS1_002697

OG0001089	CRL1506_001804	CRL681_001949	MPL16_002211	TL2766_002119	WCFS1_002698
OG0001088	CRL1506_001803	CRL681_001950	MPL16_002212	TL2766_002118	WCFS1_002699
OG0001087	CRL1506_001802	CRL681_001951	MPL16_002213	TL2766_002117	WCFS1_002700
OG0001086	CRL1506_001801	CRL681_001952	MPL16_002214	TL2766_002116	WCFS1_002701
OG0001085	CRL1506_001800	CRL681_001953	MPL16_002215	TL2766_002115	WCFS1_002702
OG0001084	CRL1506_001799	CRL681_001954	MPL16_001795	TL2766_002114	WCFS1_002703
OG0001083	CRL1506_001798	CRL681_001955	MPL16_001794	TL2766_002113	WCFS1_002704
OG0001082	CRL1506_001796	CRL681_001956	MPL16_001792	TL2766_002111	WCFS1_002705
OG0001081	CRL1506_001795	CRL681_001957	MPL16_001791	TL2766_002110	WCFS1_002706
OG0001080	CRL1506_001794	CRL681_001958	MPL16_001790	TL2766_002109	WCFS1_002707
OG0000033	CRL1506_001790, CRL1506_001793	CRL681_001959, CRL681_001962	MPL16_001786, MPL16_001789	TL2766_002105, TL2766_002108	WCFS1_002708, WCFS1_002711
OG0001117	CRL1506_001792	CRL681_001960	MPL16_001788	TL2766_002107	WCFS1_002709
OG0001079	CRL1506_001791	CRL681_001961	MPL16_001787	TL2766_002106	WCFS1_002710
OG0000083	CRL1506_001788	CRL681_001964	MPL16_001235, MPL16_001454, MPL16_001785	TL2766_002103	WCFS1_002713
OG0001078	CRL1506_001787	CRL681_001965	MPL16_001784	TL2766_002102	WCFS1_002714
OG0001077	CRL1506_001786	CRL681_001966	MPL16_001783	TL2766_002101	WCFS1_002715
OG0001076	CRL1506_001785	CRL681_000550	MPL16_001780	TL2766_002100	WCFS1_002716
OG0001075	CRL1506_001784	CRL681_000549	MPL16_001779	TL2766_002099	WCFS1_002717
OG0001074	CRL1506_001783	CRL681_000548	MPL16_001778	TL2766_002098	WCFS1_002718
OG0001073	CRL1506_001782	CRL681_000547	MPL16_001777	TL2766_002097	WCFS1_002719
OG0001072	CRL1506_001781	CRL681_000546	MPL16_001776	TL2766_002096	WCFS1_002720
OG0001071	CRL1506_001780	CRL681_000545	MPL16_001775	TL2766_002095	WCFS1_002721
OG0001070	CRL1506_001779	CRL681_000544	MPL16_001774	TL2766_002094	WCFS1_002722
OG0001069	CRL1506_001778	CRL681_000543	MPL16_001773	TL2766_002093	WCFS1_002723
OG0003016			MPL16_001772		WCFS1_002724
OG0003015			MPL16_001770		WCFS1_002726
OG0003014			MPL16_001769		WCFS1_002727
OG0003013			MPL16_001768		WCFS1_002728
OG0001068	CRL1506_001777	CRL681_000542	MPL16_001767	TL2766_002092	WCFS1_002729
OG0000160	CRL1506_001776	CRL681_000541	MPL16_001766, MPL16_001832	TL2766_002091	WCFS1_002730

OG0001067	CRL1506_001769	CRL681_000534	MPL16_001765	TL2766_002084	WCFS1_002731
OG0001116	CRL1506_001768	CRL681_000533	MPL16_001764	TL2766_002083	WCFS1_002732
OG0001066	CRL1506_001766	CRL681_000531	MPL16_001762	TL2766_002081	WCFS1_002734
OG0001065	CRL1506_001765	CRL681_000530	MPL16_001761	TL2766_002080	WCFS1_002735
OG0000159	CRL1506_001764	CRL681_000529	MPL16_001281, MPL16_001760	TL2766_002079	WCFS1_002736
OG0001064	CRL1506_001763	CRL681_000528	MPL16_001759	TL2766_002078	WCFS1_002737
OG0001063	CRL1506_001762	CRL681_000527	MPL16_001699	TL2766_002077	WCFS1_002738
OG0001062	CRL1506_001761	CRL681_000526	MPL16_001698	TL2766_002076	WCFS1_002739
OG0002423	CRL1506_001760	CRL681_000525		TL2766_002075	WCFS1_002740
OG0001061	CRL1506_001759	CRL681_000524	MPL16_000242	TL2766_002074	WCFS1_002741
OG0001060	CRL1506_001758	CRL681_000523	MPL16_000241	TL2766_002073	WCFS1_002742
OG0001115	CRL1506_001757	CRL681_000522	MPL16_000240	TL2766_002072	WCFS1_002743
OG0001059	CRL1506_001756	CRL681_000521	MPL16_000239	TL2766_002071	WCFS1_002744
OG0001058	CRL1506_001755	CRL681_000520	MPL16_000238	TL2766_002070	WCFS1_002745
OG0001057	CRL1506_001754	CRL681_000519	MPL16_000237	TL2766_002069	WCFS1_002746
OG0001056	CRL1506_001753	CRL681_000518	MPL16_000236	TL2766_002068	WCFS1_002747
OG0001055	CRL1506_001752	CRL681_000517	MPL16_003226	TL2766_002067	WCFS1_002748
OG0001054	CRL1506_001751	CRL681_000516	MPL16_002270	TL2766_002066	WCFS1_002749
OG0001053	CRL1506_001750	CRL681_000515	MPL16_002271	TL2766_002065	WCFS1_002750
OG0001052	CRL1506_001749	CRL681_000514	MPL16_002272	TL2766_002064	WCFS1_002751
OG0001051	CRL1506_001748	CRL681_000513	MPL16_002273	TL2766_002063	WCFS1_002752
OG0001050	CRL1506_001747	CRL681_000512	MPL16_002274	TL2766_002062	WCFS1_002753
OG0001049	CRL1506_001746	CRL681_000511	MPL16_002275	TL2766_002061	WCFS1_002754
OG0001048	CRL1506_001745	CRL681_000510	MPL16_002276	TL2766_002060	WCFS1_002755
OG0001047	CRL1506_001744	CRL681_000509	MPL16_002277	TL2766_002059	WCFS1_002756
OG0001114	CRL1506_001743	CRL681_000508	MPL16_002278	TL2766_002058	WCFS1_002757
OG0001046	CRL1506_001742	CRL681_000507	MPL16_002279	TL2766_002057	WCFS1_002758
OG0001045	CRL1506_001741	CRL681_000506	MPL16_002280	TL2766_002056	WCFS1_002759
OG0001044	CRL1506_001740	CRL681_000505	MPL16_002281	TL2766_002055	WCFS1_002760
OG0002422	CRL1506_001739	CRL681_000504		TL2766_002054	WCFS1_002761
OG0001043	CRL1506_001738	CRL681_000503	MPL16_002282	TL2766_002053	WCFS1_002762
OG0001042	CRL1506_001736	CRL681_000501		TL2766_002051, TL2766_002955	WCFS1_002764

OG0001041	CRL1506_001735	CRL681_000500	MPL16_002287	TL2766_002050	WCFS1_002765
OG0000079	CRL1506_001734	CRL681_000499	MPL16_002288	TL2766_001742, TL2766_002049, TL2766_002301	WCFS1_002766
OG0002421	CRL1506_001733	CRL681_000498		TL2766_002048	WCFS1_002767
OG0002420	CRL1506_001732	CRL681_000497		TL2766_002047	WCFS1_002768
OG0001040	CRL1506_001731	CRL681_000496	MPL16_003222	TL2766_002046	WCFS1_002769
OG0001039	CRL1506_001730	CRL681_000495	MPL16_003223	TL2766_002045	WCFS1_002770
OG0001038	CRL1506_001729	CRL681_000494	MPL16_000505	TL2766_002044	WCFS1_002771
OG0002688	CRL1506_001727			TL2766_002042	WCFS1_002773
OG0001037	CRL1506_001726	CRL681_000493	MPL16_000507	TL2766_002041	WCFS1_002774
OG0001036	CRL1506_001725	CRL681_000492	MPL16_003151	TL2766_002040	WCFS1_002775
OG0001035	CRL1506_001724	CRL681_000491	MPL16_003150	TL2766_002039	WCFS1_002776
OG0002418	CRL1506_001723	CRL681_000490		TL2766_002038	WCFS1_002777
OG0001034	CRL1506_001722	CRL681_000489	MPL16_002627	TL2766_002037	WCFS1_002778
OG0001033	CRL1506_001721	CRL681_000488	MPL16_002628	TL2766_002036	WCFS1_002779
OG0001032	CRL1506_001720	CRL681_000487	MPL16_002629	TL2766_002035	WCFS1_002780
OG0001113	CRL1506_001719	CRL681_000486	MPL16_002630	TL2766_002034	WCFS1_002781
OG0001031	CRL1506_001718	CRL681_000484	MPL16_002631	TL2766_002033	WCFS1_002782
OG0001112	CRL1506_001717	CRL681_000483	MPL16_002632	TL2766_002032	WCFS1_002783
OG0001030	CRL1506_001716	CRL681_000482	MPL16_002633	TL2766_002031	WCFS1_002784
OG0001029	CRL1506_001715	CRL681_000481	MPL16_002634	TL2766_002030	WCFS1_002785
OG0000362	CRL1506_000835	CRL681_003174	MPL16_002388	TL2766_000525	WCFS1_002790
OG0000363	CRL1506_000836	CRL681_003173	MPL16_002389	TL2766_000524	WCFS1_002791
OG0000364	CRL1506_000837	CRL681_003172	MPL16_002390	TL2766_000523	WCFS1_002792
OG0000365	CRL1506_000838	CRL681_003171	MPL16_002391	TL2766_000522	WCFS1_002793
OG0000366	CRL1506_000840	CRL681_003170	MPL16_002392	TL2766_000521	WCFS1_002794
OG0002617		CRL681_003168	MPL16_002394	TL2766_000519	WCFS1_002796
OG0000367	CRL1506_000843	CRL681_003167	MPL16_002395	TL2766_000518	WCFS1_002797
OG0000368	CRL1506_000844	CRL681_003166	MPL16_002396	TL2766_000517	WCFS1_002798
OG0000369	CRL1506_000845	CRL681_003165	MPL16_002397	TL2766_000516	WCFS1_002799
OG0000370	CRL1506_000846	CRL681_003164	MPL16_002398	TL2766_000515	WCFS1_002800
OG0000371	CRL1506_000847	CRL681_003163	MPL16_002399	TL2766_000514	WCFS1_002801
OG0000372	CRL1506_000848	CRL681_003162	MPL16_002400	TL2766_000513	WCFS1_002802

OG0000373	CRL1506_000849	CRL681_003161	MPL16_002401	TL2766_000512	WCFS1_002803
OG0002355	CRL1506_000850	CRL681_003160		TL2766_000511	WCFS1_002805
OG0000374	CRL1506_000851	CRL681_003159	MPL16_002402	TL2766_000510	WCFS1_002806
OG0000375	CRL1506_000852	CRL681_003158	MPL16_002403	TL2766_000509	WCFS1_002807
OG0000843	CRL1506_001480	CRL681_003156	MPL16_002405	TL2766_000507	WCFS1_002809
OG0000078	CRL1506_001479	CRL681_003155	MPL16_000821, MPL16_002406	TL2766_000506, TL2766_002022	WCFS1_002810
OG0000842	CRL1506_001478	CRL681_003154	MPL16_002407	TL2766_000505	WCFS1_002811
OG0000841	CRL1506_001477	CRL681_003153	MPL16_002408	TL2766_000504	WCFS1_002812
OG0002390	CRL1506_001476	CRL681_003152		TL2766_000503	WCFS1_002813
OG0002389	CRL1506_001475	CRL681_003151		TL2766_000502	WCFS1_002814
OG0000840	CRL1506_001474	CRL681_003150	MPL16_002409	TL2766_000501	WCFS1_002815
OG0000839	CRL1506_001473	CRL681_003149	MPL16_002410	TL2766_000500	WCFS1_002816
OG0000153	CRL1506_001472	CRL681_000011, CRL681_003148	MPL16_002411	TL2766_000499	WCFS1_002817
OG0000838	CRL1506_001471	CRL681_003147	MPL16_002412	TL2766_000498	WCFS1_002818
OG0002388	CRL1506_001470	CRL681_003146		TL2766_000497	WCFS1_002819
OG0000837	CRL1506_001469	CRL681_003145	MPL16_002685	TL2766_000496	WCFS1_002820
OG0000836	CRL1506_001468	CRL681_003144	MPL16_002684	TL2766_000495	WCFS1_002821
OG0000835	CRL1506_001467	CRL681_003143	MPL16_002683	TL2766_000494	WCFS1_002822
OG0000834	CRL1506_001466	CRL681_003142	MPL16_002682	TL2766_000493	WCFS1_002823
OG0000833	CRL1506_001465	CRL681_003141	MPL16_002681	TL2766_000492	WCFS1_002824
OG0000832	CRL1506_001464	CRL681_003140	MPL16_002680	TL2766_000491	WCFS1_002825
OG0000831	CRL1506_001463	CRL681_003139	MPL16_002679	TL2766_000490	WCFS1_002826
OG0000830	CRL1506_001462	CRL681_003138	MPL16_002678	TL2766_000489	WCFS1_002827
OG0000829	CRL1506_001461	CRL681_003137	MPL16_002677	TL2766_000488	WCFS1_002828
OG0000828	CRL1506_001460	CRL681_003136	MPL16_002676	TL2766_000487	WCFS1_002829
OG0000152	CRL1506_001459	CRL681_003135	MPL16_000370, MPL16_002675	TL2766_000486	WCFS1_002830
OG0000827	CRL1506_001458	CRL681_003134	MPL16_002674	TL2766_000485	WCFS1_002831
OG0000826	CRL1506_001457	CRL681_003133	MPL16_002673	TL2766_000484	WCFS1_002832
OG0000825	CRL1506_001456	CRL681_003132	MPL16_002672	TL2766_000483	WCFS1_002833
OG0000824	CRL1506_001454	CRL681_003130	MPL16_002670	TL2766_000481	WCFS1_002835
OG0000823	CRL1506_001453	CRL681_003129	MPL16_002669	TL2766_000480	WCFS1_002836

OG0001023	CRL1506_001452	CRL681_003128	MPL16_002668	TL2766_000479	WCFS1_002837
OG0001022	CRL1506_001451	CRL681_003127	MPL16_002667	TL2766_000478	WCFS1_002838
OG0003029			MPL16_002666		WCFS1_002839
OG0003028			MPL16_002665		WCFS1_002840
OG0003027			MPL16_002664		WCFS1_002841
OG0003493					WCFS1_002842
OG0003492					WCFS1_002844
OG0003026			MPL16_002661		WCFS1_002846
OG0003025			MPL16_002660		WCFS1_002847
OG0003024			MPL16_002659		WCFS1_002848
OG0002848	CRL1506_002622				WCFS1_002850
OG0000822	CRL1506_001449	CRL681_003125	MPL16_001729	TL2766_000476	WCFS1_002854
OG0000821	CRL1506_001448	CRL681_003124	MPL16_001728	TL2766_000475	WCFS1_002855
OG0003471					WCFS1_002856
OG0000150	CRL1506_001447	CRL681_003123	MPL16_000387, MPL16_001727	TL2766_001958	WCFS1_002857
OG0000820	CRL1506_001446	CRL681_003122	MPL16_001726	TL2766_001957	WCFS1_002858
OG0000819	CRL1506_001445	CRL681_003121	MPL16_000356	TL2766_001956	WCFS1_002859
OG0000149	CRL1506_001444	CRL681_003120	MPL16_000352, MPL16_000359	TL2766_001955	WCFS1_002860
OG0000148	CRL1506_001443	CRL681_003119	MPL16_000353, MPL16_000360	TL2766_001954	WCFS1_002861
OG0000818	CRL1506_001442	CRL681_003118	MPL16_000354	TL2766_001953	WCFS1_002862
OG0000817	CRL1506_001441	CRL681_003117	MPL16_000355	TL2766_001952	WCFS1_002863
OG0002417	CRL1506_001439	CRL681_003115		TL2766_001950	WCFS1_002865
OG0002386	CRL1506_001438	CRL681_003114		TL2766_001949	WCFS1_002866
OG0002385	CRL1506_001437	CRL681_003113		TL2766_001948	WCFS1_002867
OG0002384	CRL1506_001436	CRL681_003112		TL2766_001947	WCFS1_002868
OG0001021	CRL1506_001435	CRL681_003111	MPL16_003161	TL2766_001946	WCFS1_002869
OG0001743	CRL1506_002642	CRL681_003110	MPL16_002268	TL2766_001945	WCFS1_002870
OG0001604	CRL1506_002641	CRL681_003109	MPL16_002267	TL2766_001944	WCFS1_002871
OG0001603	CRL1506_002640	CRL681_003108	MPL16_001226	TL2766_001943	WCFS1_002872
OG0001602	CRL1506_002639	CRL681_003107	MPL16_001227	TL2766_001942	WCFS1_002873
OG0001601	CRL1506_002638	CRL681_003106	MPL16_000445	TL2766_001941	WCFS1_002874

OG0001742	CRL1506_002637	CRL681_003105	MPL16_000444	TL2766_001940	WCFS1_002875
OG0001600	CRL1506_002636	CRL681_003104	MPL16_000443	TL2766_001939	WCFS1_002876
OG0001599	CRL1506_002635	CRL681_003103	MPL16_000442	TL2766_001938	WCFS1_002877
OG0001741	CRL1506_002634	CRL681_003102	MPL16_000441	TL2766_001937	WCFS1_002878
OG0001598	CRL1506_002633	CRL681_003101	MPL16_000440	TL2766_001936	WCFS1_002879
OG0001597	CRL1506_002632	CRL681_003100	MPL16_000439	TL2766_001935	WCFS1_002880
OG0001596	CRL1506_002631	CRL681_003099	MPL16_000438	TL2766_001934	WCFS1_002881
OG0001595	CRL1506_002619	CRL681_003093	MPL16_000436	TL2766_001928	WCFS1_002883
OG0001594	CRL1506_002618	CRL681_003091	MPL16_000435	TL2766_001927	WCFS1_002884
OG0001593	CRL1506_002616	CRL681_003089	MPL16_000433	TL2766_001925	WCFS1_002886
OG0001592	CRL1506_002615	CRL681_003088	MPL16_000432	TL2766_001924	WCFS1_002887
OG0001591	CRL1506_002614	CRL681_003087	MPL16_002185	TL2766_001923	WCFS1_002888
OG0001590	CRL1506_002613	CRL681_003086	MPL16_001144	TL2766_001922	WCFS1_002889
OG0001589	CRL1506_002612	CRL681_003085	MPL16_001143	TL2766_001921	WCFS1_002890
OG0000200	CRL1506_002611	CRL681_000579, CRL681_003084	MPL16_001142	TL2766_001920	WCFS1_002891
OG0001588	CRL1506_002610	CRL681_003083	MPL16_001140	TL2766_001919	WCFS1_002892
OG0001587	CRL1506_002609	CRL681_003082	MPL16_001139	TL2766_001918	WCFS1_002893
OG0001586	CRL1506_002608	CRL681_003081	MPL16_001138	TL2766_001917	WCFS1_002894
OG0001585	CRL1506_002607	CRL681_003080	MPL16_001137	TL2766_001916	WCFS1_002895
OG0001584	CRL1506_002606	CRL681_003079	MPL16_001136	TL2766_001915	WCFS1_002896
OG0001740	CRL1506_002605	CRL681_003078	MPL16_001135	TL2766_001914	WCFS1_002897
OG0001583	CRL1506_002604	CRL681_003077	MPL16_001134	TL2766_001913	WCFS1_002898
OG0001582	CRL1506_002603	CRL681_003076	MPL16_001133	TL2766_001912	WCFS1_002899
OG0001581	CRL1506_002601	CRL681_003075	MPL16_001132	TL2766_001911	WCFS1_002900
OG0001580	CRL1506_002600	CRL681_003074	MPL16_001131	TL2766_001910	WCFS1_002901
OG0001579	CRL1506_002599	CRL681_003073	MPL16_001130	TL2766_001909	WCFS1_002902
OG0001578	CRL1506_002598	CRL681_003072	MPL16_001129	TL2766_001908	WCFS1_002903
OG0001577	CRL1506_002597	CRL681_003071	MPL16_001128	TL2766_001907	WCFS1_002904
OG0001576	CRL1506_002596	CRL681_003070	MPL16_001127	TL2766_001906	WCFS1_002905
OG0002524	CRL1506_002595	CRL681_003069		TL2766_001905	WCFS1_002906
OG0001575	CRL1506_002594	CRL681_003068	MPL16_001126	TL2766_001904	WCFS1_002907
OG0001574	CRL1506_002593	CRL681_003067	MPL16_002926	TL2766_001903	WCFS1_002908
OG0001573	CRL1506_002592	CRL681_003066	MPL16_002925	TL2766_001902	WCFS1_002909

OG0001572	CRL1506_002591	CRL681_003065	MPL16_002924	TL2766_001901	WCFS1_002910
OG0001571	CRL1506_002590	CRL681_003064	MPL16_002923	TL2766_001900	WCFS1_002911
OG0001570	CRL1506_002589	CRL681_003063	MPL16_002922	TL2766_001899	WCFS1_002912
OG0001569	CRL1506_002588	CRL681_003062	MPL16_002921	TL2766_001898	WCFS1_002913
OG0002523	CRL1506_002587	CRL681_003061		TL2766_001897	WCFS1_002914
OG0001568	CRL1506_002586	CRL681_003060	MPL16_002920	TL2766_001896	WCFS1_002915
OG0002522	CRL1506_002585	CRL681_003059		TL2766_001895	WCFS1_002916
OG0001739	CRL1506_002584	CRL681_003058	MPL16_000264	TL2766_001894	WCFS1_002917
OG0001567	CRL1506_002583	CRL681_003057	MPL16_000265	TL2766_001893	WCFS1_002918
OG0001566	CRL1506_002582	CRL681_003056	MPL16_000266	TL2766_001892	WCFS1_002919
OG0001565	CRL1506_002581	CRL681_003055	MPL16_000267	TL2766_001891	WCFS1_002920
OG0001564	CRL1506_002580	CRL681_003054	MPL16_000268	TL2766_001890	WCFS1_002921
OG0001563	CRL1506_002579	CRL681_003053	MPL16_000269	TL2766_001889	WCFS1_002922
OG0001738	CRL1506_002578	CRL681_003052	MPL16_000270	TL2766_001888	WCFS1_002923
OG0000199	CRL1506_002577	CRL681_003051	MPL16_000271, MPL16_002916	TL2766_001887	WCFS1_002924
OG0001562	CRL1506_002576	CRL681_003050	MPL16_000272	TL2766_001886	WCFS1_002925
OG0001561	CRL1506_002574	CRL681_003048	MPL16_000274	TL2766_001884	WCFS1_002927
OG0001560	CRL1506_002573	CRL681_003047	MPL16_000275	TL2766_001883	WCFS1_002928
OG0001559	CRL1506_002572	CRL681_003046	MPL16_000276	TL2766_001882	WCFS1_002929
OG0000198	CRL1506_002571	CRL681_003045	MPL16_000277, MPL16_002919	TL2766_001881	WCFS1_002930
OG0001558	CRL1506_002570	CRL681_003044	MPL16_000278	TL2766_001880	WCFS1_002931
OG0001557	CRL1506_002569	CRL681_003043	MPL16_000279	TL2766_001879	WCFS1_002932
OG0001556	CRL1506_002568	CRL681_003042	MPL16_000280	TL2766_001878	WCFS1_002933
OG0001555	CRL1506_002567	CRL681_003041	MPL16_000286	TL2766_001877	WCFS1_002934
OG0001554	CRL1506_002566	CRL681_003040	MPL16_000287	TL2766_001876	WCFS1_002935
OG0001553	CRL1506_002565	CRL681_003039	MPL16_000288	TL2766_001875	WCFS1_002936
OG0001552	CRL1506_002564	CRL681_003038	MPL16_000289	TL2766_001874	WCFS1_002937
OG0001551	CRL1506_002563	CRL681_003037	MPL16_000290	TL2766_001873	WCFS1_002938
OG0001550	CRL1506_002562	CRL681_003036	MPL16_000292	TL2766_001872	WCFS1_002939
OG0001549	CRL1506_002561	CRL681_003035	MPL16_000293	TL2766_001871	WCFS1_002940
OG0002521	CRL1506_002560	CRL681_003034		TL2766_001870	WCFS1_002942
OG0002520	CRL1506_002559	CRL681_003033		TL2766_001869	WCFS1_002943

OG0002519	CRL1506_002558	CRL681_003032		TL2766_001868	WCFS1_002944
OG0002518	CRL1506_002557	CRL681_003031		TL2766_001867	WCFS1_002945
OG0002517	CRL1506_002556	CRL681_003030		TL2766_001866	WCFS1_002946
OG0002516	CRL1506_002555	CRL681_003029		TL2766_001865	WCFS1_002947
OG0002515	CRL1506_002554	CRL681_003028		TL2766_001864	WCFS1_002948
OG0002514	CRL1506_002553	CRL681_003027		TL2766_001863	WCFS1_002949
OG0002513	CRL1506_002552	CRL681_003026		TL2766_001862	WCFS1_002950
OG0001548	CRL1506_002551	CRL681_003025	MPL16_000455	TL2766_001861	WCFS1_002951
OG0001547	CRL1506_002550	CRL681_003024	MPL16_002650	TL2766_001860	WCFS1_002952
OG0000065	CRL1506_002549	CRL681_003010, CRL681_003023	MPL16_002649	TL2766_001846, TL2766_001859	WCFS1_002953, WCFS1_002966
OG0002512	CRL1506_002548	CRL681_003022		TL2766_001858	WCFS1_002954
OG0002511	CRL1506_002545	CRL681_003019		TL2766_001855	WCFS1_002957
OG0002768		CRL681_003017		TL2766_001853	WCFS1_002959
OG0002767		CRL681_003016		TL2766_001852	WCFS1_002960
OG0000081	CRL1506_001773	CRL681_000538, CRL681_003015	MPL16_003170	TL2766_001851, TL2766_002088	WCFS1_002961
OG0000080	CRL1506_001771	CRL681_000536, CRL681_003014	MPL16_003172	TL2766_001850, TL2766_002086	WCFS1_002962
OG0002766		CRL681_003013		TL2766_001849	WCFS1_002963
OG0002765		CRL681_003012		TL2766_001848	WCFS1_002964
OG0002764		CRL681_003011		TL2766_001847	WCFS1_002965
OG0002763		CRL681_003009		TL2766_001845	WCFS1_002967
OG0001546	CRL1506_002543	CRL681_003008	MPL16_002620	TL2766_001844	WCFS1_002968
OG0001545	CRL1506_002541	CRL681_003006	MPL16_002622	TL2766_001842	WCFS1_002970
OG0001544	CRL1506_002540	CRL681_003005	MPL16_002623	TL2766_001841	WCFS1_002971
OG0001543	CRL1506_002539	CRL681_003004	MPL16_003162	TL2766_001840	WCFS1_002972
OG0001542	CRL1506_002538	CRL681_003003	MPL16_003163	TL2766_001839	WCFS1_002973
OG0000093	CRL1506_002537	CRL681_002930, CRL681_003002	MPL16_003164	TL2766_001838	WCFS1_002974, WCFS1_003057
OG0001541	CRL1506_002536	CRL681_003001	MPL16_003165	TL2766_001837	WCFS1_002975
OG0002713	CRL1506_002535			TL2766_001836	WCFS1_002976
OG0002510	CRL1506_002534	CRL681_003000		TL2766_001835	WCFS1_002977
OG0001540	CRL1506_002533	CRL681_002999	MPL16_003166	TL2766_001834	WCFS1_002978

OG0000196	CRL1506_002531	CRL681_002997	MPL16_003168, MPL16_003176	TL2766_001832	WCFS1_002980
OG0000194	CRL1506_002527	CRL681_002993	MPL16_003180	TL2766_001486, TL2766_001828	WCFS1_002984
OG0001539	CRL1506_002526	CRL681_002992	MPL16_003181	TL2766_001827	WCFS1_002985
OG0001737	CRL1506_002525	CRL681_002991	MPL16_003182	TL2766_001826	WCFS1_002986
OG0001538	CRL1506_002524	CRL681_002990	MPL16_003183	TL2766_001825	WCFS1_002987
OG0001537	CRL1506_002523	CRL681_002989	MPL16_003184	TL2766_001824	WCFS1_002988
OG0001536	CRL1506_002522	CRL681_002988	MPL16_003185	TL2766_001823	WCFS1_002989
OG0001535	CRL1506_002521	CRL681_002987	MPL16_003186	TL2766_001822	WCFS1_002990
OG0000037	CRL1506_002486, CRL1506_002511	CRL681_002961, CRL681_002985	MPL16_003188	TL2766_001796, TL2766_001820	WCFS1_002992, WCFS1_003000, WCFS1_003026
OG0000193	CRL1506_002518	CRL681_002984	MPL16_001433, MPL16_003189	TL2766_001819	WCFS1_002993
OG0001534	CRL1506_002517	CRL681_002983	MPL16_003190	TL2766_001818	WCFS1_002994
OG0001533	CRL1506_002516	CRL681_002982	MPL16_003191	TL2766_001817	WCFS1_002995
OG0001532	CRL1506_002515	CRL681_002981	MPL16_003192	TL2766_001816	WCFS1_002996
OG0002509	CRL1506_002514	CRL681_002980	MPL16_003193		WCFS1_002997
OG0001531	CRL1506_002513	CRL681_002979	MPL16_003194	TL2766_001814	WCFS1_002998
OG0002847	CRL1506_002512				WCFS1_002999
OG0002846	CRL1506_002510				WCFS1_003001
OG0002845	CRL1506_002509				WCFS1_003002
OG0002844	CRL1506_002508				WCFS1_003003
OG0002843	CRL1506_002507				WCFS1_003004
OG0002842	CRL1506_002506				WCFS1_003005
OG0002841	CRL1506_002505				WCFS1_003006
OG0002840	CRL1506_002504				WCFS1_003007
OG0000060	CRL1506_001875	CRL681_000557, CRL681_003212	MPL16_000357, MPL16_000419	TL2766_000285, TL2766_000444	WCFS1_003008
OG0002508	CRL1506_002503	CRL681_002978		TL2766_001813	WCFS1_003009
OG0001530	CRL1506_002502	CRL681_002977	MPL16_003103	TL2766_001812	WCFS1_003010
OG0001529	CRL1506_002501	CRL681_002976	MPL16_003104	TL2766_001811	WCFS1_003011
OG0001528	CRL1506_002500	CRL681_002975	MPL16_003105	TL2766_001810	WCFS1_003012

OG0001527	CRL1506_002499	CRL681_002974	MPL16_003106	TL2766_001809	WCFS1_003013
OG0000208	CRL1506_002498	CRL681_002973	MPL16_000188, MPL16_003107	TL2766_001808	WCFS1_003014
OG0001526	CRL1506_002494	CRL681_002969	MPL16_003111	TL2766_001804	WCFS1_003018
OG0000192	CRL1506_002493	CRL681_002968	MPL16_000958, MPL16_002612	TL2766_001803	WCFS1_003019
OG0001525	CRL1506_002492	CRL681_002967	MPL16_002145	TL2766_001802	WCFS1_003020
OG0001524	CRL1506_002491	CRL681_002966	MPL16_002144	TL2766_001801	WCFS1_003021
OG0001523	CRL1506_002490	CRL681_002965	MPL16_002143	TL2766_001800	WCFS1_003022
OG0000191	CRL1506_002489	CRL681_002964	MPL16_000351, MPL16_002142	TL2766_001799	WCFS1_003023
OG0001522	CRL1506_002488	CRL681_002963	MPL16_002141	TL2766_001798	WCFS1_003024
OG0001521	CRL1506_002487	CRL681_002962	MPL16_002140	TL2766_001797	WCFS1_003025
OG0002507	CRL1506_002485	CRL681_002960		TL2766_001795	WCFS1_003027
OG0002541	CRL1506_002484	CRL681_002959		TL2766_001794	WCFS1_003028
OG0002506	CRL1506_002483	CRL681_002958		TL2766_001793	WCFS1_003029
OG0002505	CRL1506_002482	CRL681_002957		TL2766_001792	WCFS1_003030
OG0002504	CRL1506_002481	CRL681_002956		TL2766_001791	WCFS1_003031
OG0002503	CRL1506_002480	CRL681_002955		TL2766_001790	WCFS1_003032
OG0002502	CRL1506_002479	CRL681_002954		TL2766_001789	WCFS1_003033
OG0002501	CRL1506_002478	CRL681_002953		TL2766_001788	WCFS1_003034
OG0002762		CRL681_002952		TL2766_001787	WCFS1_003035
OG0002917		CRL681_002951			WCFS1_003036
OG0002916		CRL681_002950			WCFS1_003037
OG0002915		CRL681_002949			WCFS1_003038
OG0000245		CRL681_002943, CRL681_002948	MPL16_000281, MPL16_002102		WCFS1_003039, WCFS1_003044
OG0002914		CRL681_002947			WCFS1_003040
OG0002913		CRL681_002946			WCFS1_003041
OG0002912		CRL681_002945			WCFS1_003042
OG0002911		CRL681_002944			WCFS1_003043
OG0002910		CRL681_002942			WCFS1_003045
OG0002909		CRL681_002941			WCFS1_003046
OG0002908		CRL681_002940			WCFS1_003047

OG0002922		CRL681_002939			WCFS1_003048
OG0002907		CRL681_002937			WCFS1_003050
OG0000055	CRL1506_002251	CRL681_002905, CRL681_002936	MPL16_000373, MPL16_001474, MPL16_002138	TL2766_001764	WCFS1_003051, WCFS1_003081
OG0000063	CRL1506_002252	CRL681_002904, CRL681_002935	MPL16_000374, MPL16_002137	TL2766_001763	WCFS1_003052, WCFS1_003082
OG0002906		CRL681_002934			WCFS1_003053
OG0002905		CRL681_002933			WCFS1_003054
OG0000088	CRL1506_002255	CRL681_002901, CRL681_002932	MPL16_002134	TL2766_001760	WCFS1_003055, WCFS1_003085
OG0002904		CRL681_002931			WCFS1_003056
OG0002457	CRL1506_002229	CRL681_002927		TL2766_001786	WCFS1_003059
OG0002458	CRL1506_002230	CRL681_002926		TL2766_001785	WCFS1_003060
OG0002459	CRL1506_002231	CRL681_002925		TL2766_001784	WCFS1_003061
OG0002460	CRL1506_002232	CRL681_002924		TL2766_001783	WCFS1_003062
OG0002461	CRL1506_002233	CRL681_002923		TL2766_001782	WCFS1_003063
OG0002462	CRL1506_002234	CRL681_002922		TL2766_001781	WCFS1_003064
OG0000082	CRL1506_001775, CRL1506_002236	CRL681_000540, CRL681_002920		TL2766_001779, TL2766_002090	WCFS1_003066
OG0002463	CRL1506_002237	CRL681_002919		TL2766_001778	WCFS1_003067
OG0001367	CRL1506_002238	CRL681_002918	MPL16_002618	TL2766_001777	WCFS1_003068
OG0002464	CRL1506_002239	CRL681_002917		TL2766_001776	WCFS1_003069
OG0002465	CRL1506_002240	CRL681_002916		TL2766_001775	WCFS1_003070
OG0002466	CRL1506_002241	CRL681_002915		TL2766_001774	WCFS1_003071
OG0002467	CRL1506_002242	CRL681_002914		TL2766_001773	WCFS1_003072
OG0002468	CRL1506_002243	CRL681_002913		TL2766_001772	WCFS1_003073
OG0002469	CRL1506_002244	CRL681_002912		TL2766_001771	WCFS1_003074
OG0000087	CRL1506_002245	CRL681_002227, CRL681_002911	MPL16_000285, MPL16_002617	TL2766_001770	WCFS1_003075
OG0002470	CRL1506_002246	CRL681_002910		TL2766_001769	WCFS1_003076
OG0002471	CRL1506_002247	CRL681_002909		TL2766_001768	WCFS1_003077
OG0002472	CRL1506_002248	CRL681_002908		TL2766_001767	WCFS1_003078
OG0002473	CRL1506_002249	CRL681_002907		TL2766_001766	WCFS1_003079

OG0000177	CRL1506_002250	CRL681_002906	MPL16_001475, MPL16_002139	TL2766_001765	WCFS1_003080
OG0000178	CRL1506_002253	CRL681_002903	MPL16_000375, MPL16_002136	TL2766_001762	WCFS1_003083
OG0000179	CRL1506_002254	CRL681_002902	MPL16_000376, MPL16_002135	TL2766_001761	WCFS1_003084
OG0001368	CRL1506_002256	CRL681_002900	MPL16_002133	TL2766_001759	WCFS1_003086
OG0001369	CRL1506_002257	CRL681_002899	MPL16_000244	TL2766_001758	WCFS1_003087
OG0001370	CRL1506_002258	CRL681_002898	MPL16_000243	TL2766_001757	WCFS1_003088
OG0001371	CRL1506_002259	CRL681_002897	MPL16_003199	TL2766_001756	WCFS1_003089
OG0001372	CRL1506_002260	CRL681_002896	MPL16_003200	TL2766_000447	WCFS1_003090
OG0001373	CRL1506_002261	CRL681_002895	MPL16_003201	TL2766_001262	WCFS1_003091
OG0001374	CRL1506_002262	CRL681_002894	MPL16_003202	TL2766_001261	WCFS1_003092
OG0001375	CRL1506_002263	CRL681_002893	MPL16_003203	TL2766_001260	WCFS1_003093
OG0001376	CRL1506_002264	CRL681_002892	MPL16_003204	TL2766_001573	WCFS1_003094
OG0001377	CRL1506_002265	CRL681_002891	MPL16_003205	TL2766_001572	WCFS1_003095
OG0002474	CRL1506_002266	CRL681_002890	MPL16_003206		WCFS1_003096
OG0000180	CRL1506_002267	CRL681_002889	MPL16_000403, MPL16_002083	TL2766_000217	WCFS1_003097
OG0000181	CRL1506_002268	CRL681_002888	MPL16_000402, MPL16_002084	TL2766_000216	WCFS1_003098
OG0001378	CRL1506_002269	CRL681_002887	MPL16_002085	TL2766_000215	WCFS1_003099
OG0001379	CRL1506_002270	CRL681_002886	MPL16_002086	TL2766_000214	WCFS1_003100
OG0002475	CRL1506_002271	CRL681_002885	MPL16_002087		WCFS1_003101
OG0001728	CRL1506_002272	CRL681_002884	MPL16_002088	TL2766_000213	WCFS1_003102
OG0001380	CRL1506_002273	CRL681_002883	MPL16_002089	TL2766_000212	WCFS1_003103
OG0001381	CRL1506_002274	CRL681_002882	MPL16_002090	TL2766_000211	WCFS1_003104
OG0001382	CRL1506_002275	CRL681_002881	MPL16_002091	TL2766_000210	WCFS1_003105
OG0001383	CRL1506_002276	CRL681_002880	MPL16_002092	TL2766_000209	WCFS1_003106
OG0002476	CRL1506_002277	CRL681_002879		TL2766_000208	WCFS1_003107
OG0002761		CRL681_002878		TL2766_000207	WCFS1_003108
OG0001384	CRL1506_002279	CRL681_002877	MPL16_000503	TL2766_000206	WCFS1_003109
OG0001385	CRL1506_002280	CRL681_002876	MPL16_000502	TL2766_000205	WCFS1_003110
OG0001386	CRL1506_002281	CRL681_002875	MPL16_000501	TL2766_000204	WCFS1_003111

OG0002344	CRL681_000800, CRL681_000804	MPL16_000249, MPL16_000405		WCFS1_003112
OG0003494				WCFS1_003113
OG0003495				WCFS1_003114
OG0003496				WCFS1_003115
OG0002612	CRL681_002236, CRL681_003210	MPL16_000395		WCFS1_003116
OG0000110	CRL681_000010	MPL16_000394, MPL16_000822, MPL16_001481	TL2766_002023, TL2766_003135	WCFS1_003117
OG0000070	CRL681_000217, CRL681_000556, CRL681_002240	MPL16_000422, MPL16_000828, MPL16_003217	TL2766_000224	WCFS1_003118
OG0003511				WCFS1_003119
OG0000112	CRL681_000459, CRL681_000796	MPL16_002114	TL2766_000235, TL2766_001741	WCFS1_003120, WCFS1_003153
OG0003060				WCFS1_003122, WCFS1_003126
OG0003512				WCFS1_003123
OG0003513				WCFS1_003124
OG0003514				WCFS1_003125
OG0003515				WCFS1_003128

OG0000000	CRL1506_000713	CRL681_000164	MPL16_000103, MPL16_000248, MPL16_000295, MPL16_000959, MPL16_001112, MPL16_001123, MPL16_001229, MPL16_001236, MPL16_001237, MPL16_001300, MPL16_001662, MPL16_001679, MPL16_001702, MPL16_001721, MPL16_001725, MPL16_001730, MPL16_001757, MPL16_002057, MPL16_002146, MPL16_002235, MPL16_002261, MPL16_002266, MPL16_002269, MPL16_002506, MPL16_002528, MPL16_002543, MPL16_002613, MPL16_002638, MPL16_002653, MPL16_003083, MPL16_003085, MPL16_003102, MPL16_003114, MPL16_003118, MPL16_003124, MPL16_003145, MPL16_003219	TL2766_001740	WCFS1_003130
OG0000247			MPL16_000258, MPL16_000406, MPL16_002082	TL2766_002448, TL2766_003124	WCFS1_003131
OG0002671			MPL16_000401	TL2766_002447, TL2766_003123	WCFS1_003132
OG0002342		CRL681_000574	MPL16_000344, MPL16_000400	TL2766_002446	WCFS1_003133

OG0003040			MPL16_000371		WCFS1_003134
OG0003041			MPL16_000372		WCFS1_003135
OG0003497					WCFS1_003136
OG0003498					WCFS1_003137
OG0003499					WCFS1_003138
OG0003500					WCFS1_003139
OG0003501					WCFS1_003140
OG0003502					WCFS1_003141
OG0003503					WCFS1_003142
OG0003504					WCFS1_003143
OG0003505					WCFS1_003144
OG0003506					WCFS1_003145
OG0003507					WCFS1_003146
OG0003508					WCFS1_003147
OG0003509					WCFS1_003148
OG0000045		CRL681_000573, CRL681_003182, CRL681_003206	MPL16_000399, MPL16_000827, MPL16_002094, MPL16_003210	TL2766_002027, TL2766_003121	WCFS1_003149
OG0002341		CRL681_003207	MPL16_000398	TL2766_002026, TL2766_003120	WCFS1_003150
OG0000071		CRL681_000571, CRL681_003181, CRL681_003208	MPL16_000397, MPL16_000825, MPL16_003211	TL2766_002025	WCFS1_003151
OG0002618		CRL681_000570, CRL681_003209	MPL16_001483		WCFS1_003152
OG0003510					WCFS1_003154
OG0002433	CRL1506_001865	CRL681_000234	MPL16_002904	TL2766_000035	
OG0003032			MPL16_002887	TL2766_000050	
OG0003389				TL2766_000057	
OG0002945		CRL681_000210		TL2766_000062	
OG0003390				TL2766_000063	
OG0003391				TL2766_000076	
OG0002942		CRL681_000183		TL2766_000087	

OG0002778		CRL681_000180	MPL16_002849	TL2766_000090
OG0002941		CRL681_000179		TL2766_000091
OG0002940		CRL681_000178		TL2766_000092
OG0002939		CRL681_000177		TL2766_000093
OG0002938		CRL681_000176		TL2766_000094
OG0002937		CRL681_000175		TL2766_000095
OG0002936		CRL681_000174		TL2766_000096
OG0002935		CRL681_000173		TL2766_000097
OG0002934		CRL681_000172		TL2766_000098
OG0002933		CRL681_000171		TL2766_000099
OG0002932		CRL681_000170		TL2766_000100
OG0002931		CRL681_000169		TL2766_000101
OG0002930		CRL681_000168		TL2766_000102
OG0002929		CRL681_000167		TL2766_000103
OG0002949		CRL681_000166		TL2766_000104
OG0003392				TL2766_000105
OG0002948		CRL681_000163		TL2766_000106
OG0002928		CRL681_000162		TL2766_000107
OG0002947		CRL681_000161		TL2766_000108
OG0002927		CRL681_000160		TL2766_000109
OG0002777		CRL681_000159, CRL681_000700		TL2766_000110
OG0002776		CRL681_000158, CRL681_000701		TL2766_000111
OG0003030			MPL16_002824	TL2766_000115
OG0003393				TL2766_000142
OG0002489	CRL1506_002337	CRL681_002815	MPL16_000926	TL2766_000148
OG0003394				TL2766_000166
OG0003395				TL2766_000167
OG0003400				TL2766_000218
OG0003401				TL2766_000219
OG0002750		CRL681_002239	MPL16_003216	TL2766_000223
OG0003039			MPL16_003218	TL2766_000225
OG0002751		CRL681_002243	MPL16_003084	TL2766_000226

OG0002752		CRL681_002244	MPL16_000414	TL2766_000227
OG0002456	CRL1506_002228	CRL681_002245	MPL16_000413	TL2766_000228
OG0002895		CRL681_002246		TL2766_000229
OG0002806			MPL16_000410, MPL16_002831	TL2766_000231
OG0003054				TL2766_000232, TL2766_002459
OG0003402				TL2766_000233
OG0000014	CRL1506_000894	CRL681_000558, CRL681_000569	MPL16_000420, MPL16_003146	TL2766_000234, TL2766_000286, TL2766_000446, TL2766_001575, TL2766_002657, TL2766_003139
OG0002717	CRL1506_002720		MPL16_003011	TL2766_000251
OG0003403				TL2766_000289
OG0003404				TL2766_000290
OG0003405				TL2766_000291
OG0000303	CRL1506_000086, CRL1506_001841		MPL16_000428, MPL16_001031	TL2766_000321
OG0002673	CRL1506_000085		MPL16_001032	TL2766_000322
OG0002672	CRL1506_000084		MPL16_001033	TL2766_000323
OG0003022			MPL16_002170	TL2766_000394
OG0003406				TL2766_000406
OG0003410				TL2766_000408
OG0003411				TL2766_000409
OG0003023			MPL16_002616	TL2766_000410
OG0003407				TL2766_000411
OG0003408				TL2766_000412
OG0002742	CRL1506_000581			TL2766_000420, TL2766_000434
OG0003409				TL2766_000422
OG0002387	CRL1506_001455	CRL681_003131	MPL16_002671	TL2766_000482
OG0002391	CRL1506_001481	CRL681_003157	MPL16_002404	TL2766_000508

OG0000176	CRL1506_000655, CRL1506_002226	CRL681_001860	MPL16_001432	TL2766_000535, TL2766_000712
OG0003037			MPL16_003140	TL2766_000536
OG0002837	CRL1506_002215			TL2766_000537
OG0002836	CRL1506_002214			TL2766_000538
OG0002835	CRL1506_002213			TL2766_000539
OG0002834	CRL1506_002212			TL2766_000540
OG0002711	CRL1506_002211, CRL1506_002217			TL2766_000541
OG0002339		CRL681_002250	MPL16_000324, MPL16_000390, MPL16_002111	TL2766_000542
OG0002753		CRL681_002249		TL2766_000543, TL2766_002762
OG0003412				TL2766_000544
OG0003020			MPL16_001997	TL2766_000574
OG0003019			MPL16_001995	TL2766_000575
OG0003018			MPL16_001994	TL2766_000576
OG0003017			MPL16_001993	TL2766_000577
OG0002369	CRL1506_001094	CRL681_001815	MPL16_001392	TL2766_000670
OG0002677	CRL1506_001070	CRL681_001841		TL2766_000695
OG0002631		CRL681_000793	MPL16_001587	TL2766_000750, TL2766_001098
OG0002630		CRL681_000792	MPL16_001586	TL2766_000751, TL2766_001097
OG0002967		CRL681_000791		TL2766_000752
OG0002966		CRL681_000790		TL2766_000753
OG0002791		CRL681_000789		TL2766_000754, TL2766_000776
OG0002790		CRL681_000788		TL2766_000755, TL2766_000775
OG0002965		CRL681_000787		TL2766_000756
OG0002789		CRL681_000786	MPL16_003090	TL2766_000757
OG0002964		CRL681_000785		TL2766_000758

OG0002963		CRL681_000784		TL2766_000759
OG0002962		CRL681_000783		TL2766_000760
OG0003413				TL2766_000774
OG0003414				TL2766_000777
OG0003034			MPL16_003101	TL2766_000778
OG0002741	CRL1506_000575	CRL681_000757		TL2766_000786
OG0002594	CRL1506_000533	CRL681_000718	MPL16_002592	TL2766_000827
OG0002405	CRL1506_001569	CRL681_001341	MPL16_001516	TL2766_000894
OG0002818	CRL1506_001542			TL2766_000914
OG0002682	CRL1506_001540	CRL681_000564		TL2766_000916
OG0002817	CRL1506_001539			TL2766_000917
OG0002681	CRL1506_001538	CRL681_000565		TL2766_000918
OG0002396	CRL1506_001533	CRL681_001987	MPL16_000570	TL2766_000923
OG0002395	CRL1506_001532	CRL681_001988	MPL16_000571	TL2766_000924
OG0003415				TL2766_000996
OG0002926		CRL681_000155		TL2766_001053
OG0002718	CRL1506_002805	CRL681_000156		TL2766_001054
OG0002999			MPL16_001542	TL2766_001057
OG0003000			MPL16_001543	TL2766_001058
OG0003416				TL2766_001059
OG0003001			MPL16_001545	TL2766_001060
OG0003002			MPL16_001546	TL2766_001061
OG0003003			MPL16_001548	TL2766_001063
OG0003004			MPL16_001549	TL2766_001064
OG0003005			MPL16_001550	TL2766_001065
OG0003006			MPL16_001551	TL2766_001066
OG0003007			MPL16_001552	TL2766_001067
OG0003008			MPL16_001555	TL2766_001070
OG0002787		CRL681_000687	MPL16_001556	TL2766_001071
OG0003417				TL2766_001073
OG0003009			MPL16_001560	TL2766_001075
OG0003418				TL2766_001076
OG0003419				TL2766_001077
OG0002536	CRL1506_002830	CRL681_000182	MPL16_001563	TL2766_001079

OG0003420				TL2766_001080
OG0002730	CRL1506_002833		MPL16_001564	TL2766_001081
OG0002537	CRL1506_002835	CRL681_000671	MPL16_001570	TL2766_001082
OG0002786		CRL681_000670	MPL16_001572	TL2766_001083
OG0003010			MPL16_001573	TL2766_001084
OG0003421				TL2766_001085
OG0003422				TL2766_001086
OG0003011			MPL16_001579	TL2766_001087
OG0003423				TL2766_001088
OG0003424				TL2766_001089
OG0002849	CRL1506_002623			TL2766_001090
OG0003425				TL2766_001091
OG0003426				TL2766_001092
OG0003427				TL2766_001093
OG0003428				TL2766_001094
OG0003012			MPL16_001584	TL2766_001095
OG0003429				TL2766_001096
OG0003430				TL2766_001099
OG0003431				TL2766_001100
OG0003432				TL2766_001104
OG0003433				TL2766_001105
OG0002816	CRL1506_001344			TL2766_001194
OG0002815	CRL1506_001343			TL2766_001195
OG0002679	CRL1506_001342		MPL16_000322	TL2766_001196
OG0000744	CRL1506_001341		MPL16_000323, MPL16_001671, MPL16_002080	TL2766_001197
OG0002375	CRL1506_001260	CRL681_001644	MPL16_002369	TL2766_001337
OG0002376	CRL1506_001261	CRL681_001643	MPL16_002368	TL2766_001338
OG0003046			MPL16_000536	TL2766_001473
OG0002716	CRL1506_002645		MPL16_000537	TL2766_001474
OG0003434				TL2766_001482
OG0003435				TL2766_001484
OG0002525	CRL1506_002671	CRL681_001475	MPL16_000563	TL2766_001506

OG0002676	CRL1506_000885	CRL681_001435		TL2766_001540
OG0002675	CRL1506_000882	CRL681_001432		TL2766_001541
OG0000121	CRL1506_000883	CRL681_000002, CRL681_001433	MPL16_001828, MPL16_002286	TL2766_001542
OG0002899		CRL681_002579		TL2766_001598
OG0002900		CRL681_002580		TL2766_001599
OG0002901		CRL681_002581		TL2766_001600
OG0002890	CRL1506_000766			TL2766_001601
OG0002439	CRL1506_002142	CRL681_002604	MPL16_002118	TL2766_001623
OG0002440	CRL1506_002143	CRL681_002605	MPL16_002119	TL2766_001624
OG0002903		CRL681_002719		TL2766_001733
OG0003436				TL2766_001738
OG0003043			MPL16_000388	TL2766_001739
OG0002714	CRL1506_002617	CRL681_003090		TL2766_001926
OG0002770		CRL681_000468, CRL681_003094		TL2766_001929
OG0002918		CRL681_003095		TL2766_001930
OG0002919		CRL681_003096		TL2766_001931
OG0002920		CRL681_003097		TL2766_001932
OG0000816	CRL1506_001440	CRL681_000463, CRL681_003116	MPL16_000262	TL2766_001951
OG0002735	CRL1506_000301	CRL681_000286		TL2766_002002
OG0003437				TL2766_002024
OG0002432	CRL1506_001770	CRL681_000535	MPL16_003174	TL2766_002085
OG0002424	CRL1506_001772	CRL681_000537	MPL16_003171	TL2766_002087
OG0002689	CRL1506_001774	CRL681_000539		TL2766_002089
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OG0002691	CRL1506_001797		MPL16_001793	TL2766_002112
OG0002426	CRL1506_001815	CRL681_001938	MPL16_002199	TL2766_002130
OG0003438				TL2766_002157
OG0002702	CRL1506_001848	CRL681_001900		TL2766_002162
OG0002428	CRL1506_001849	CRL681_001899	MPL16_000189	TL2766_002163
OG0002703	CRL1506_001850	CRL681_002511		TL2766_002164
OG0002704	CRL1506_001851	CRL681_002510		TL2766_002165

OG0002705	CRL1506_001853	CRL681_002508		TL2766_002167
OG0003439				TL2766_002192
OG0003442				TL2766_002193
OG0002738	CRL1506_000398			TL2766_002219, TL2766_002562
OG0002551	CRL1506_002879	CRL681_002463	MPL16_002262	TL2766_002220
OG0003440				TL2766_002247
OG0002590	CRL1506_000472	CRL681_002392	MPL16_001839	TL2766_002259
OG0002155	CRL1506_000486	CRL681_001852, CRL681_002406	MPL16_001855	TL2766_002273
OG0003441				TL2766_002288
OG0003443				TL2766_002303
OG0002946		CRL681_000342		TL2766_002319
OG0002781		CRL681_000343, CRL681_001907		TL2766_002320
OG0003444				TL2766_002443
OG0003021			MPL16_002081	TL2766_002449
OG0003445				TL2766_002450
OG0003446				TL2766_002453
OG0002894		CRL681_002257		TL2766_002454
OG0003447				TL2766_002455
OG0003448				TL2766_002457
OG0003449				TL2766_002532
OG0002573	CRL1506_000373	CRL681_002304	MPL16_002047	TL2766_002535
OG0002736	CRL1506_000388		MPL16_001091	TL2766_002552
OG0002737	CRL1506_000389		MPL16_001087	TL2766_002553
OG0002881	CRL1506_000390			TL2766_002554
OG0002882	CRL1506_000391			TL2766_002555
OG0002577	CRL1506_000392, CRL1506_000402			TL2766_002556, TL2766_002566
OG0002883	CRL1506_000394			TL2766_002558
OG0002884	CRL1506_000395			TL2766_002559
OG0002578	CRL1506_000396		MPL16_001079, MPL16_001090	TL2766_002560

OG0002592	CRL1506_000397		MPL16_001086, MPL16_002018	TL2766_002561
OG0002579	CRL1506_000399		MPL16_000463, MPL16_001093	TL2766_002563
OG0002580	CRL1506_000412	CRL681_002331	MPL16_003220	TL2766_002577
OG0002755		CRL681_002339	MPL16_000945	TL2766_002585
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OG0002862	CRL1506_002115			TL2766_002738
OG0002831	CRL1506_002114			TL2766_002739
OG0002830	CRL1506_002113			TL2766_002740
OG0002829	CRL1506_002112			TL2766_002741
OG0002997			MPL16_001250	TL2766_002765
OG0002593	CRL1506_000507	CRL681_002085	MPL16_000681	TL2766_002932
OG0003048			MPL16_000776	TL2766_002953
OG0002809			MPL16_000772, MPL16_000777	TL2766_002954
OG0002531	CRL1506_002736	CRL681_001286	MPL16_003028	TL2766_003118
OG0003396				TL2766_003125
OG0003042			MPL16_000380	TL2766_003126
OG0002784		CRL681_000554	MPL16_000424	TL2766_003127
OG0003397				TL2766_003129
OG0002989			MPL16_001477	TL2766_003131
OG0002799			MPL16_001478, MPL16_002112	TL2766_003132
OG0002990			MPL16_001479	TL2766_003133
OG0002991			MPL16_001480	TL2766_003134
OG0003398				TL2766_003136
OG0003038			MPL16_003197	TL2766_003137
OG0003399				TL2766_003138

OG0000003	CRL681_002251	MPL16_000001, MPL16_000235, MPL16_000379, MPL16_000386, MPL16_000451, MPL16_000516, MPL16_000521, MPL16_000937, MPL16_001002, MPL16_001125, MPL16_001155, MPL16_001214, MPL16_001225, MPL16_001700, MPL16_001796, MPL16_001921, MPL16_002122, MPL16_002182, MPL16_002536, MPL16_002651, MPL16_002915
OG0003205		MPL16_000045
OG0003206		MPL16_000046
OG0002798		MPL16_000061, MPL16_000062, MPL16_000431
OG0003326		MPL16_000246
OG0000111	CRL681_000013, CRL681_000474, CRL681_002230	MPL16_000250, MPL16_000335, MPL16_000341, MPL16_000345
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OG0002954	CRL681_000470	MPL16_000254
OG0002953	CRL681_000469	MPL16_000255
OG0002891	CRL681_000001	MPL16_000257
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OG0002988	CRL681_002231	MPL16_000261
OG0000010		MPL16_000263, MPL16_000319,
		MPL16_000378, MPL16_000429,
		MPL16_000484, MPL16_001017,
		MPL16_001349, MPL16_001473,
		MPL16_001633, MPL16_002167,
		MPL16_002242, MPL16_002652,
		MPL16_002927, MPL16_003119
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OG0003329		MPL16_000329
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OG0003332		MPL16_000332
OG0002892	CRL681_000004	MPL16_000334
OG0002893	CRL681_000014	MPL16_000336
OG0002748	CRL681_000015, CRL681_000465	MPL16_000337
OG0003333		MPL16_000342
OG0003334		MPL16_000343

OG0002987	CRL681_002229	MPL16_000346
OG0002986	CRL681_002228	MPL16_000347
OG0003335		MPL16_000348
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OG0003343		MPL16_000404
OG0003344		MPL16_000409
OG0003345		MPL16_000415
OG0003214		MPL16_000416
OG0003346		MPL16_000421
OG0003347		MPL16_000423
OG0002955	CRL681_000553	MPL16_000425
OG0003044		MPL16_000426, MPL16_001228
OG0003348		MPL16_000427
OG0000244	CRL681_000794, CRL681_000799, CRL681_000805, CRL681_002248	MPL16_000446, MPL16_002121
OG0002668		MPL16_000450, MPL16_000453, MPL16_002611, MPL16_002626
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OG0003353		MPL16_000479

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OG0003216			MPL16_000515
OG0002667			MPL16_000522, MPL16_002128, MPL16_002507, MPL16_002914
OG0003355			MPL16_000567
OG0003356			MPL16_000574
OG0003047			MPL16_000575, MPL16_000576
OG0003357			MPL16_000578
OG0003358			MPL16_000579
OG0002707	CRL1506_001929	CRL681_001541	MPL16_000580
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OG0003367			MPL16_000663
OG0003368			MPL16_000664
OG0003369			MPL16_000665
OG0002970		CRL681_001131	MPL16_000774
OG0002794		CRL681_001130, CRL681_001132	MPL16_000775
OG0003370			MPL16_000806
OG0002771		CRL681_003176, CRL681_003190	MPL16_000807
OG0003371			MPL16_000808
OG0003372			MPL16_000809
OG0003373			MPL16_000811

OG0002800		MPL16_000823, MPL16_001482, MPL16_003213
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OG0003374		MPL16_000893
OG0003375		MPL16_000957
OG0003376		MPL16_001078
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OG0003223		MPL16_001465

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OG0003207			MPL16_001476
OG0002998			MPL16_001488, MPL16_001489
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OG0003229			MPL16_001569
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OG0002958		CRL681_000664	MPL16_001578
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OG0002957		CRL681_000662	MPL16_001581
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OG0003233			MPL16_001585
OG0003234			MPL16_001592
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OG0002665			MPL16_001665, MPL16_001666, MPL16_001667, MPL16_001669
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OG0002979		CRL681_001680	MPL16_001888
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OG0003249			MPL16_001996
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OG0003251			MPL16_002058
OG0003252			MPL16_002072
OG0003253			MPL16_002078
OG0003254			MPL16_002079
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OG0003255			MPL16_002101
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OG0003257			MPL16_002108
OG0003258			MPL16_002109
OG0003259			MPL16_002110
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OG0003261			MPL16_002116
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OG0003315		MPL16_003099
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OG0003320		MPL16_003198
OG0003321		MPL16_003207
OG0003322		MPL16_003208
OG0003323		MPL16_003209

OG0003324		MPL16_003225
OG0003325		MPL16_003228
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OG0002747	CRL681_000008, CRL681_003191, CRL681_003198	
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OG0003135	CRL681_000192	
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OG0003137	CRL681_000199	
OG0003138	CRL681_000205	
OG0003139	CRL681_000208	
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OG0003142	CRL681_000219	
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OG0003160		CRL681_000673
OG0003161		CRL681_000675
OG0003162		CRL681_000676
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OG0003186		CRL681_001024
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OG0002985		CRL681_002225, CRL681_002235
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OG0002923		CRL681_003179, CRL681_003197
OG0003126		CRL681_003183

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OG0003128	CRL681_003188
OG0003129	CRL681_003189
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OG0003131	CRL681_003195
OG0003132	CRL681_003201
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OG0003106	CRL1506_000617
OG0003107	CRL1506_000618
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OG0003087	CRL1506_002795
OG0003088	CRL1506_002796
OG0003089	CRL1506_002800
OG0003094	CRL1506_002803
OG0003090	CRL1506_002828
OG0003091	CRL1506_002829
OG0003092	CRL1506_002832
OG0003095	CRL1506_002903
OG0003096	CRL1506_002908
OG0003097	CRL1506_002909
OG0003098	CRL1506_002914
OG0003099	CRL1506_002916
OG0003100	CRL1506_002929

OG0003101	CRL1506_002934
OG0003102	CRL1506_002967

Table S2. Genes “probiotic markers” of the core/soft core genome.

Orthologous group	Gene	ORF	Locus Name	Protein	Stress Response / Probiotic Effect	Organism
OG0000075	<i>pdhD_2/lpdA</i>		lp_2151	Dihydrolipoyl dehydrogenase	Bile resistance	<i>Lactiplantibacillus plantarum</i>
OG0000085	<i>gap</i>			Glyceraldehyde-3-phosphate dehydrogenase	Acid stress	<i>Lactiplantibacillus plantarum</i> subsp. <i>plantarum</i> ATCC 14917 = JCM 1149 = CGMCC 1.2437
OG0000183	<i>htrA</i>		lp_0043	Serine protease HtrA	Acid stress/ Bile resistance/Temperature	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000204	<i>osmV</i>	C7M34_02683		Osmoprotectant import ATP-binding protein OsmV	Osmotic stress	<i>Lactiplantibacillus plantarum</i>
OG0000222	<i>copA</i>		lp_3055	Copper transporting ATPase	Acid stress/ Bile resistance	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000285	<i>pyrG</i>		lp_0481	CTP synthase	Bile resistance	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000308	<i>arcB</i>	C7M36_00748		Ornithine carbamoyltransferase	Acid stress/ Bile resistance	<i>Lactiplantibacillus plantarum</i>
OG0000312	<i>ldh_1/ldh</i>		lp_0537	L-lactate dehydrogenase 1	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000346	<i>msrB</i>		lp_1836	Peptide methionine sulfoxide reductase MsrB	Oxidative stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000413	<i>plsC</i>		lp_2060	1-acylglycerol-3-phosphate O-acyltransferase	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000441	<i>dnaK</i>		lp_2027	Chaperone protein DnaK / HSP70	Acid stress/ Bile resistance	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000442	<i>dnaJ</i>		lp_2026	Chaperone protein DnaJ	Acid stress/ Bile resistance/Temperature	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000445	<i>dltA</i>		lp_2019	D-alanine--D-alanyl carrier protein ligase	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000447	<i>dltD</i>		lp_2016	Protein DltD	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000455	<i>relA</i>		lp_1987	GTP pyrophosphokinase	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000504	<i>pyk</i>		lp_1897	Pyruvate kinase	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000537	<i>clpB</i>		lp_1903	Chaperone protein ClpB	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000580	<i>rpsE</i>		lp_1053	30S ribosomal protein S5	Bile resistance	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000582	<i>rplF</i>		lp_1051	50S ribosomal protein L6	Bile resistance	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000585	<i>rplE</i>		lp_1047	50S ribosomal protein L5	Bile resistance	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000591	<i>rpsC</i>		lp_1040	30S ribosomal protein S3	Bile resistance	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000596	<i>rplD</i>		lp_1034	50S ribosomal protein L4	Bile resistance	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000644	<i>gpmB/pspA_1</i>		lp_0945	Histidine phosphatase family protein	Acid stress	<i>Lactiplantibacillus plantarum</i>
OG0000660	<i>guaA</i>			GMP synthase [glutamine-hydrolyzing]	Acid stress	<i>Lactiplantibacillus plantarum</i>

OG0000714	<i>yjbM</i>		GTP diphosphokinase	Acid stress	<i>Lactiplantibacillus plantarum</i>
OG0000777	<i>pycA</i>	lp_2136	Pyruvate carboxylase	Adhesion	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0000907	<i>argS</i>	lp_1391	Arginine--tRNA ligase	Bile resistance	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001010	<i>grpE</i>	lp_2028	Protein GrpE / HSP-70 cofactor	Acid stress/ Bile resistance/Temperature	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001130	<i>groS/groES</i>	lp_0727	10 kDa chaperonin	Acid stress/ Bile resistance/Temperature	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001131	<i>groL/groEL</i>	lp_0728	60 kDa chaperonin	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001163	<i>uvrA/uvrA_1</i>	lp_0773	UvrABC system protein A	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001164	<i>luxS</i>	lp_0774	S-ribosylhomocysteine lyase	Bile resistance/Acid stress/ Temperature/Production of antimicrobial compounds	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001172	<i>clpP_2/clpP</i>	CYU10_001617	ATP-dependent Clp protease proteolytic subunit	Acid stress	<i>Lactococcus lactis</i> subsp. <i>lactis</i> (<i>Streptococcus lactis</i>)
OG0001175	<i>pgk</i>	lp_0790	Phosphoglycerate kinase	Acid stress/ Bile resistance	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001176	<i>tpiA</i>	lp_0791	Triosephosphate isomerase	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001177	<i>eno</i>		Enolase	Acid stress/ Bile resistance	<i>Lactiplantibacillus plantarum</i>
OG0001192	<i>exoA</i>	lp_0812	Exodeoxyribonuclease III	Adhesión	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001221	<i>recA</i>	lp_2301	Protein RecA	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001278	<i>atpB</i>	lp_2370	ATP synthase subunit a	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001279	<i>atpE</i>	lp_2369	ATP synthase subunit c	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001280	<i>atpF</i>	lp_2368	ATP synthase subunit b	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001281	<i>atpH</i>	lp_2367	ATP synthase subunit delta	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001282	<i>atpA</i>	lp_2366	ATP synthase subunit alpha	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001283	<i>atpG</i>	lp_2365	ATP synthase gamma chain	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001284	<i>atpD</i>	lp_2364	ATP synthase subunit beta	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001285	<i>atpC</i>	lp_2363	ATP synthase epsilon chain	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001342	<i>ywaC</i>		GTP diphosphokinase	Acid stress	<i>Lactiplantibacillus plantarum</i>
OG0001512	<i>nagB/gnp</i>	lp_0226	Glucosamine-6-phosphate deaminase	Bile resistance	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001582	<i>pepO</i>	lp_3445	Endopeptidase PepO	Bile resistance	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001668	<i>lspA</i>	lp_1780	Lipoprotein signal peptidase	Adhesion	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001683	<i>ponA/pbp1A</i>	lp_1751	DD-transpeptidase / Penicillin-sensitive transpeptidase / Penicillin-binding protein 1A	Bile resistance	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0001741	<i>gadB</i>	lp_3420	Glutamate decarboxylase	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)

OG0001827	<i>glnA</i>	lp_1581	Glutamine synthetase	Bile resistance	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0002197	<i>clpE</i>	lp_1269	ATP-dependent Clp protease, ATP-binding subunit ClpE	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0002295	<i>pgi</i>	lp_2502	Glucose-6-phosphate isomerase	Acid stress	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0002306	<i>glpF_2</i>		Glycerol uptake facilitator	Osmotic stress	<i>Lactococcus lactis</i> WFLU12
OG0002310	<i>opuCB</i>		Glycine betaine/carnitine/choline transport system permease protein OpuCB	Osmotic stress	<i>Lactococcus lactis</i> subsp. <i>lactis</i> (<i>Streptococcus lactis</i>)
OG0002365	<i>eno2</i>	lp_1920	Enolase 2	Acid stress/ Bile resistance	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0002445	<i>treA</i>	lp_0263	Trehalose-6-phosphate hydrolase	Intestinal persistence	<i>Lactiplantibacillus plantarum</i> (ATCC BAA-793 / NCIMB 8826 / WCFS1)
OG0002477	<i>oppA_1</i>		Oligopeptide-binding protein OppA	Bile resistance	<i>Lactococcus lactis</i> subsp. <i>lactis</i> (<i>Streptococcus lactis</i>)
OG0002477	<i>oppA_2</i>		Oligopeptide-binding protein OppA	Bile resistance	<i>Lactococcus lactis</i> subsp. <i>lactis</i> (<i>Streptococcus lactis</i>)
OG0002704	<i>celB</i>		PTS system, cellobiose-specific EIIC component	Intestinal persistence	<i>Lactiplantibacillus plantarum</i> considerados en este trabajo

sipS/T/U/V/W (signal peptidase I)	lp_2863 lp_3675 lp_2862	CRL1506_000376 CRL1506_002269 CRL1506_000376	97 100 100	73 100 100	CRL681_002309 CRL681_002887 CRL681_002308	100 100 100	97 100 99	MPL16_002051 MPL16_002085 MPL16_002051	97 100 100	73 93 100	TL2766_002540 TL2766_000215 TL2766_002539	100 100 100	99 99 99
lspA (lipoprotein signal peptidase) Sortase (sortase for cleavage of C-terminal LPxTG-type anchors)	lp_1780 lp_0514	CRL1506_002725 CRL1506_000074	100 100	100 100	CRL681_001297 CRL681_000874	100 100	100 100	MPL16_003016 MPL16_001043	100 100	96 95	TL2766_000246 TL2766_000333	100 100	100 100
Holins													
holins (putative)	lp_1706	CRL1506_002780	100	100	CRL681_001242	100	100	MPL16_003073	100	83	TL2766_003074	100	100
FPE pathway components													
ComGA	lp_2249	CRL1506_001677	100	100	CRL681_000036	100	100	MPL16_002707	100	89	TL2766_002478	100	100
ComGB	lp_2248	CRL1506_001676	99	100	CRL681_000035	99	99	MPL16_002706	99	84	TL2766_002477	99	100
ComGC	lp_2247	CRL1506_001675	100	100	CRL681_000034	100	100	MPL16_002705	100	73	TL2766_002476	100	100
ComGD	N/A												
ComGF	N/A												
ComEA	lp_2131	CRL1506_001386	100	99	CRL681_000971	100	99	MPL16_000009	99	70	TL2766_001152	100	98
ComEB	lp_2130	CRL1506_001387	100	100	CRL681_000972	99	99	MPL16_000010	100	98	TL2766_001151	100	100
ComEC	lp_2129	CRL1506_001388	100	99	CRL681_000973	100	99	MPL16_000306	7	33	TL2766_001150	100	99
ComFC	lp_0736	CRL1506_001908	100	100	CRL681_001520	100	100	MPL16_003221	62	76	TL2766_001454	100	99
ComFA	lp_0735	CRL1506_001907	100	99	CRL681_001519	100	99	MPL16_000756	71	25	TL2766_001455	100	99
ComC	lp_1023	CRL1506_001140	100	99	CRL681_001769	100	98	MPL16_001926	100	90	TL2766_000624	100	99