HLA-DRB1 Locus Rare Allele List

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Since 1987, 3,216,649 HLA-DRB1 locus allele level results have been reported to the NMDP.

The number of times any listed allele was specifically tested for is unknown.

Allele	AFA	API	CAU	HIS	NAM	OTH	Total Count	Rare (< 1:100,000)	Zero	Publish Date
DRB1*0104	2	3	8	0	0	4	17	X		1993-02-26
DRB1*0105	0	0	5	0	0	0	5	X		1998-08-18
DRB1*0107	0	0	9	0	0	0	9	X		2000-08-17
DRB1*0108	0	0	1	1	0	1	3	X		2001-05-30
DRB1*0109	0	1	0	0	0	0	1	X		2002-08-30
DRB1*0110	0	0	2	0	1	0	3	X		2002-10-25
DRB1*0111	3	0	0	0	0	0	3	X		2003-09-22
DRB1*0112	0	0	0	0	0	0	0		X	2004-12-20
DRB1*0113	0	0	1	0	0	0	1	X		2005-04-29
DRB1*0114	0	0	0	0	0	0	0		X	2006-03-22
DRB1*0115	0	0	0	0	0	0	0		X	2006-03-22
DRB1*0116	0	0	1	0	0	0	1	X		2006-09-27
DRB1*0117	0	0	0	1	0	0	1	X		2007-07-31
DRB1*0118	0	0	1	0	0	0	1	X		2007-07-31
DRB1*0119	0	1	0	0	0	0	1	X		2007-07-31
DRB1*0120	0	0	0	0	0	0	0		X	2008-05-21
DRB1*0306	5	0	17	3	0	2	27	X		1995-09-07
DRB1*0308	0	1	20	0	1	2	24	X		1996-02-04
DRB1*0309	0	0	0	0	0	0	0		X	1996-03-26
DRB1*0310	0	1	4	0	0	0	5	X		1996-10-25
DRB1*0311	0	0	11	3	1	0	15	X		1996-12-29
DRB1*0312	2	0	3	0	0	2	7	X		1998-08-19
DRB1*0313	0	0	12	4	0	4	20	X		1998-12-09
DRB1*0314	1	0	2	0	0	0	3	X		1999-02-16
DRB1*0316	0	0	0	13	0	1	14	X		1999-11-25
DRB1*0317	0	0	2	1	0	0	3	X		1999-11-25
DRB1*0318	0	0	0	0	0	0	0		X	2000-11-22
DRB1*0319	1	0	1	0	0	0	2	X		2001-01-31
DRB1*0320	1	0	1	1	0	0	3	X		2001-03-20
DRB1*0321	0	0	0	0	0	0	0		X	2001-08-29
DRB1*0322	0	0	0	0	0	0	0		X	2001-12-20
DRB1*0323	0	0	3	0	1	0	4	X		2002-06-27
DRB1*0324	0	0	2	0	0	0	2	X		2002-11-28
DRB1*0325	0	0	0	0	0	0	0		X	2002-12-12
DRB1*0326	0	0	0	0	0	0	0		X	2004-02-27
DRB1*0327	0	6	0	0	0	0	6	X		2004-05-20
DRB1*0328	0	0	1	0	0	0	1	X		2004-05-20
DRB1*0329	1	0	0	0	0	0	1	X		2006-01-27
DRB1*0330	0	0	0	0	0	0	0		X	2006-06-30
DRB1*0331	0	0	0	0	0	0	0		X	2006-06-30
DRB1*0332	0	0	0	0	0	0	0		X	2007-02-28
DRB1*0333	0	0	0	0	0	0	0		X	2007-03-29
DRB1*0334	0	0	1	0	0	0	1	X		2007-03-29
DRB1*0335	0	0	0	0	0	0	0		X	2007-03-29
DRB1*0336	0	0	0	0	0	0	0		X	2007-07-31
DRB1*0337	0	0	2	0	0	0	2	X		2007-08-30
DRB1*0338	1	0	0	0	0	0	1	X		2007-08-30

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HLA-DRB1 Locus Rare Allele List

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The number of times any listed allele was specifically tested for is unknown.

Allele	AFA	API	CAU	HIS	NAM	OTH	Total Count	Rare (< 1:100,000)	Zero	Publish Date
DRB1*0339	0	0	1	0	0	0	1	X		2007-08-30
DRB1*0340	0	0	0	0	0	0	0		X	2008-05-21
DRB1*0412	0	8	2	1	0	0	11	X		1991-11-14
DRB1*0416	0	0	15	0	0	0	15	X		1993-02-04
DRB1*0419	0	0	6	13	0	0	19	X		1993-07-29
DRB1*0420	0	0	1	0	0	0	1	X		1994-05-19
DRB1*0421	0	0	3	0	0	0	3	X		1994-08-16
DRB1*0422	4	1	23	2	1	0	31	X		1995-03-04
DRB1*0423	1	0	3	10	0	2	16	X		1996-01-15
DRB1*0424	3	1	4	6	0	3	17	X		1996-07-28
DRB1*0425	0	0	2	6	0	1	9	X		1997-03-03
DRB1*0426	0	0	18	1	0	0	19	X		1997-10-10
DRB1*0427	1	0	5	5	0	0	11	X		1997-12-09
DRB1*0428	0	0	0	0	0	0	0		X	1998-03-06
DRB1*0429	0	0	0	0	0	0	0		X	1998-03-06
DRB1*0430	0	0	0	0	0	0	0		X	1998-08-18
DRB1*0431	0	0	3	2	0	0	5	X		1998-08-18
DRB1*0432	0	2	7	4	0	1	14	X		1998-08-19
DRB1*0433	1	0	8	0	0	1	10	X		1999-06-25
DRB1*0434	0	0	5	1	0	2	8	X		1999-11-29
DRB1*0436	0	4	1	0	0	0	5	X		2000-05-10
DRB1*0437	0	0	1	1	0	0	2	X		2000-10-25
DRB1*0438	2	1	21	2	0	2	28	X		2000-10-25
DRB1*0439	0	0	5	0	0	0	5	X		2001-02-20
DRB1*0442	0	0	0	0	0	1	1	X		2001-03-20
DRB1*0443	0	0	0	1	0	0	1	X		2001-08-29
DRB1*0444	1	1	1	0	0	0	3	X		2002-04-28
DRB1*0445	0	0	0	0	0	0	0		X	2002-12-12
DRB1*0446	0	0	0	0	0	0	0		X	2003-05-22
DRB1*0447	0	0	0	0	0	0	0		X	2003-07-22
DRB1*0448	0	0	0	0	0	0	0		X	2003-08-20
DRB1*0449	0	0	0	0	0	0	0		X	2003-09-22
DRB1*0450	0	0	5	0	0	0	5	X		2003-10-24
DRB1*0451	0	2	0	0	0	0	2	X		2004-12-13
DRB1*0452	0	0	0	0	0	0	0		X	2004-12-20
DRB1*0453	0	0	0	0	0	0	0		X	2005-03-22
DRB1*0454	0	0	0	11	0	0	11	X		2005-07-26
DRB1*0455	0	0	0	0	0	1	1	X		2005-07-26
DRB1*0456	0	0	0	0	0	0	0		X	2005-07-26
DRB1*0457	0	0	0	0	0	0	0		X	2006-02-22
DRB1*0458	0	0	0	0	0	0	0		X	2006-04-28
DRB1*0459	0	0	0	0	0	0	0		X	2006-05-31
DRB1*0460	0	0	0	0	0	0	0		X	2006-06-30
DRB1*0461	0	0	0	0	0	0	0		X	2006-10-30
DRB1*0462	0	1	0	0	0	0	1	X		2006-11-29
DRB1*0463	0	0	0	0	0	0	0		X	2006-12-23
DRB1*0464	0	0	0	0	0	0	0		X	2007-02-28

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DRB1*0465	0	0	0	0	0	0	0		X	2007-07-31
DRB1*0466	0	0	0	0	0	0	0		X	2007-08-30
DRB1*0467	0	0	0	0	0	0	0		X	2007-08-30
DRB1*0468	0	0	2	5	0	0	7	X		2007-08-30
DRB1*0469	0	1	0	0	0	0	1	X		2007-08-30
DRB1*0470	0	0	1	0	0	0	1	X		2007-08-30
DRB1*0471	0	0	1	0	0	0	1	X		2007-08-30
DRB1*0472	0	0	1	0	0	0	1	X		2007-11-30
DRB1*0473	0	0	0	0	0	0	0		X	2007-11-30
DRB1*0474	0	0	0	0	0	0	0		X	2008-04-29
DRB1*0475	0	0	0	0	0	0	0		X	2008-05-21
DRB1*0476	0	0	0	0	0	0	0		X	2008-05-21
DRB1*0477	0	0	0	0	0	0	0		X	2008-05-21
DRB1*0478	0	0	0	0	0	0	0		X	2008-12-22
DRB1*0704	0	1	3	0	0	2	6	X		1998-03-05
DRB1*0705	1	1	25	1	0	2	30	X		2000-01-31
DRB1*0706	0	0	0	0	0	0	0		X	2001-08-29
DRB1*0707	0	0	11	0	0	3	14	X		2002-08-30
DRB1*0708	1	0	0	0	0	0	1	X		2003-07-31
DRB1*0709	0	0	0	0	0	0	0		X	2004-10-31
DRB1*0710N	0	0	0	0	0	0	0		X	2005-05-31
DRB1*0711	0	0	0	9	0	3	12	X		2006-03-22
DRB1*0712	0	0	0	0	0	0	0		X	2006-11-29
DRB1*0713	0	0	0	0	0	0	0		X	2007-04-30
DRB1*0714	0	0	0	1	0	0	1	X		2007-04-30
DRB1*0715	0	0	0	0	0	0	0		X	2007-09-25
DRB1*0716	0	0	0	0	0	0	0		X	2008-11-29
DRB1*0808	18	0	3	1	0	3	25	X		1993-11-05
DRB1*0812	0	8	4	0	0	2	14	X		1995-07-26
DRB1*0814	0	15	4	1	0	3	23	X		1996-03-19
DRB1*0815	0	0	0	0	0	0	0		X	1996-07-28
DRB1*0816	0	0	0	0	0	0	0		X	1996-10-21
DRB1*0817	0	1	11	2	0	3	17	X		1997-03-24
DRB1*0819	0	8	0	0	0	2	10	X		1997-10-03
DRB1*0820	4	0	3	0	0	1	8	X		1998-03-16
DRB1*0821	0	0	0	0	0	0	0		X	1998-06-26
DRB1*0822	0	0	3	0	0	1	4	X		2000-07-31
DRB1*0823	0	0	0	0	0	0	0		X	2000-12-11
DRB1*0824	0	0	2	0	0	0	2	X		2001-04-26
DRB1*0825	0	0	0	0	0	0	0		X	2003-04-30
DRB1*0826	0	0	0	0	0	0	0		X	2003-09-22
DRB1*0827	0	1	0	0	0	0	1	X		2003-10-24
DRB1*0828	0	0	3	0	0	0	3	X		2004-01-28
DRB1*0829	0	0	0	0	0	0	0		X	2004-04-30
DRB1*0830	0	1	0	0	0	1	2	X		2004-10-31
DRB1*0831	0	0	0	0	0	0	0		X	2005-10-25
DRB1*0832	0	0	0	0	0	0	0		X	2005-11-21

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Allele	AFA	API	CAU	HIS	NAM	OTH	Total Count	Rare (< 1:100,000)	Zero	Publish Date
DRB1*0833	0	0	0	0	0	0	0		X	2007-08-30
DRB1*0834	0	1	0	0	0	0	1	X		2007-08-30
DRB1*0835	0	0	0	0	0	0	0		X	2008-05-21
DRB1*0836	0	0	0	0	0	0	0		X	2008-09-30
DRB1*0902	0	3	1	0	0	0	4	X		2001-07-31
DRB1*0903	0	1	0	0	0	0	1	X		2003-12-15
DRB1*0904	0	7	0	0	0	0	7	X		2004-10-31
DRB1*0905	0	0	0	0	0	0	0		X	2005-04-29
DRB1*0906	0	0	0	12	0	2	14	X		2006-09-27
DRB1*0907	0	0	0	0	0	0	0		X	2008-04-29
DRB1*0908	0	0	0	0	0	0	0		X	2008-09-30
DRB1*1002	0	1	0	0	0	0	1	X		2007-07-31
DRB1*1003	0	0	0	0	0	0	0		X	2008-06-30
DRB1*1116	3	2	8	1	0	1	15	X		1994-08-12
DRB1*1120	2	0	10	1	0	1	14	X		1995-05-09
DRB1*1121	1	1	1	0	0	0	3	X		1995-05-10
DRB1*1122	0	1	10	0	0	1	12	X		1995-05-19
DRB1*1123	0	1	3	0	0	0	4	X		1995-06-25
DRB1*1125	2	0	6	0	0	0	8	X		1995-11-07
DRB1*1126	0	0	10	0	0	0	10	X		1996-01-15
DRB1*1127	0	0	19	4	0	1	24	X		1996-02-28
DRB1*1128	2	0	16	2	1	1	22	X		1996-06-21
DRB1*1129	0	2	11	1	1	0	15	X		1996-10-21
DRB1*1130	0	0	3	0	0	0	3	X		1996-12-29
DRB1*1131	0	1	1	0	0	0	2	X		1997-03-03
DRB1*1132	1	0	21	1	0	1	24	X		1998-03-16
DRB1*1133	0	1	15	0	0	0	16	X		1998-06-30
DRB1*1134	0	0	29	0	0	1	30	X		1998-09-28
DRB1*1135	0	0	0	1	0	1	2	X		1998-12-26
DRB1*1136	6	0	20	3	0	0	29	X		1999-07-16
DRB1*1137	6	2	4	2	0	0	14	X		1999-11-25
DRB1*1138	0	0	1	0	0	0	1	X		2000-03-31
DRB1*1139	2	1	20	1	0	0	24	X		2000-06-20
DRB1*1140	0	0	4	1	0	1	6	X		2000-06-20
DRB1*1141	0	0	5	1	2	0	8	X		2000-07-31
DRB1*1142	1	0	6	0	0	1	8	X		2001-02-26
DRB1*1144	0	0	1	0	0	0	1	X		2003-07-22
DRB1*1145	0	0	2	10	0	3	15	X		2003-07-31
DRB1*1146	0	0	1	0	0	0	1	X		2003-08-19
DRB1*1148	7	0	0	0	0	0	7	X		2003-10-24
DRB1*1149	1	0	1	0	0	1	3	X		2003-12-15
DRB1*1150	0	0	0	0	0	0	0		X	2004-02-27
DRB1*1151	0	0	0	2	0	0	2	X		2004-04-30
DRB1*1152	0	0	0	0	0	0	0		X	2004-05-20
DRB1*1153	0	0	2	0	0	0	2	X		2004-06-25
DRB1*1154	0	3	0	0	0	1	4	X		2004-07-31
DRB1*1155	0	0	0	0	0	0	0		X	2006-02-22

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Allele	AFA	API	CAU	HIS	NAM	OTH	Total Count	Rare (< 1:100,000)	Zero	Publish Date
DRB1*1156	0	0	1	0	0	0	1	X		2006-05-31
DRB1*1157	0	1	0	0	0	0	1	X		2006-05-31
DRB1*1158	0	0	2	0	0	0	2	X		2006-11-29
DRB1*1159	0	0	0	0	0	0	0		X	2006-11-29
DRB1*1160	0	0	0	0	0	0	0		X	2006-11-29
DRB1*1161	0	0	0	0	0	0	0		X	2007-02-28
DRB1*1162	0	0	0	0	0	1	1	X		2007-03-29
DRB1*1163	0	0	0	0	0	0	0		X	2007-03-29
DRB1*1164	0	0	0	0	0	0	0		X	2007-06-22
DRB1*1165	8	0	0	0	0	0	8	X		2007-08-30
DRB1*1166	0	2	0	0	0	0	2	X		2007-08-30
DRB1*1167	0	0	0	0	0	0	0		X	2007-12-20
DRB1*1168	0	0	0	0	0	0	0		X	2008-01-30
DRB1*1169	0	0	1	0	0	0	1	X		2008-05-21
DRB1*1170	0	0	0	0	0	0	0		X	2008-08-24
DRB1*1206	0	1	8	0	0	0	9	X		1998-11-25
DRB1*1207	1	0	0	0	0	0	1	X		2000-11-22
DRB1*1208	0	12	0	0	0	0	12	X		2001-05-30
DRB1*1209	0	0	0	0	0	0	0		X	2003-09-29
DRB1*1210	0	0	0	0	0	0	0		X	2004-05-24
DRB1*1211	0	0	0	0	0	1	1	X		2004-12-20
DRB1*1212	0	0	0	0	0	0	0		X	2005-02-18
DRB1*1213	0	0	0	0	0	0	0		X	2005-11-21
DRB1*1214	0	0	0	0	0	0	0		X	2006-02-22
DRB1*1215	0	0	0	0	0	0	0		X	2006-05-31
DRB1*1216	0	0	0	0	0	0	0		X	2007-07-31
DRB1*1217	0	0	0	0	0	0	0		X	2008-09-30
DRB1*1218	0	0	0	0	0	0	0		X	2008-12-22
DRB1*1313	1	18	8	0	0	1	28	X		1996-12-29
DRB1*1317	1	0	6	2	0	0	9	X		1994-10-17
DRB1*1322	2	1	26	1	0	0	30	X		1995-05-18
DRB1*1323	6	0	0	1	0	0	7	X		1995-11-10
DRB1*1325	0	0	8	4	0	1	13	X		1996-05-07
DRB1*1326	0	0	4	3	0	2	9	X		1996-05-27
DRB1*1328	0	0	4	2	0	0	6	X		1996-07-17
DRB1*1329	1	1	13	1	0	2	18	X		1996-10-26
DRB1*1330	0	1	0	0	0	0	1	X		1996-12-11
DRB1*1332	1	0	1	0	0	0	2	X		1997-06-02
DRB1*1333	0	0	1	0	0	0	1	X		1997-10-10
DRB1*1334	0	0	1	0	0	0	1	X		1998-09-01
DRB1*1335	1	0	0	0	0	0	1	X		1999-06-09
DRB1*1338	14	0	11	0	0	3	28	X		1999-11-25
DRB1*1339	1	4	3	0	0	2	10	X		1999-11-29
DRB1*1341	6	0	2	0	0	2	10	X		2000-02-23
DRB1*1342	0	0	12	0	0	3	15	X		2000-03-31
DRB1*1343	0	0	1	0	0	0	1	X		2000-03-31
DRB1*1344	0	0	1	0	0	0	1	X		2000-03-31

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The number of times any listed allele was specifically tested for is unknown.

Allele	AFA	API	CAU	HIS	NAM	OTH	Total Count	Rare (< 1:100,000)	Zero	Publish Date
DRB1*1345	1	0	0	0	0	0	1	X		2000-05-10
DRB1*1346	0	0	0	0	0	0	0		X	2000-10-25
DRB1*1347	0	1	0	0	0	1	2	X		2000-10-25
DRB1*1348	0	0	5	0	0	0	5	X		2001-02-26
DRB1*1350	0	6	0	0	0	0	6	X		2001-10-31
DRB1*1351	0	0	1	0	0	0	1	X		2002-04-28
DRB1*1352	0	0	3	0	0	0	3	X		2002-07-31
DRB1*1353	0	0	2	1	0	0	3	X		2002-08-30
DRB1*1354	0	0	1	0	0	0	1	X		2002-08-30
DRB1*1355	0	0	0	0	0	0	0		X	2002-11-28
DRB1*1356	0	0	7	2	0	1	10	X		2003-04-30
DRB1*1357	0	0	0	0	0	0	0		X	2003-04-30
DRB1*1358	0	0	0	0	0	0	0		X	2003-04-30
DRB1*1360	0	0	0	0	0	1	1	X		2003-06-13
DRB1*1361	0	3	0	0	0	0	3	X		2003-07-31
DRB1*1362	0	0	0	0	0	0	0		X	2003-09-22
DRB1*1363	0	0	0	0	0	0	0		X	2004-01-28
DRB1*1364	0	0	0	0	0	0	0		X	2004-05-20
DRB1*1365	0	0	0	0	0	0	0		X	2004-08-25
DRB1*1366	0	0	0	0	0	0	0		X	2004-10-31
DRB1*1367	0	0	0	0	0	0	0		X	2004-11-29
DRB1*1368	0	0	1	0	0	0	1	X		2005-04-29
DRB1*1369	2	0	0	0	0	0	2	X		2005-07-26
DRB1*1370	0	0	0	0	0	0	0		X	2005-10-25
DRB1*1371	0	0	0	0	0	0	0		X	2005-11-21
DRB1*1372	0	0	0	0	0	0	0		X	2006-04-28
DRB1*1373	0	0	0	0	0	0	0		X	2006-05-31
DRB1*1374	0	0	0	0	0	0	0		X	2006-06-30
DRB1*1375	0	0	0	0	0	0	0		X	2006-10-30
DRB1*1376	0	0	0	0	0	0	0		X	2007-01-25
DRB1*1377	0	0	1	0	0	0	1	X		2007-03-29
DRB1*1378	0	0	0	0	0	0	0		X	2007-03-29
DRB1*1379	1	0	1	0	1	0	3	X		2007-03-29
DRB1*1380	1	0	0	1	0	0	2	X		2007-07-31
DRB1*1381	1	0	0	2	0	0	3	X		2007-08-30
DRB1*1382	0	5	0	0	1	0	6	X		2007-11-30
DRB1*1383	0	0	0	0	0	0	0		X	2008-01-30
DRB1*1384	0	0	0	0	0	0	0		X	2008-06-30
DRB1*1385	1	0	0	0	0	0	1	X		2008-06-30
DRB1*1386	0	0	1	0	0	0	1	X		2008-06-30
DRB1*1387	0	0	0	0	0	0	0		X	2008-07-30
DRB1*1413	4	2	3	19	0	4	32	X		1993-08-06
DRB1*1414	0	3	0	0	0	0	3	X		1993-08-09
DRB1*1423	0	13	8	0	0	3	24	X		1995-11-07
DRB1*1426	0	0	1	0	0	0	1	X		1996-07-28
DRB1*1427	0	2	0	6	0	5	13	X		1996-07-28
DRB1*1428	1	21	1	1	0	0	24	X		1996-10-21

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Allele	AFA	API	CAU	HIS	NAM	OTH	Total Count	Rare (< 1:100,000)	Zero	Publish Date
DRB1*1429	0	13	0	0	1	4	18	X		1996-10-26
DRB1*1430	0	0	0	0	0	0	0		X	1997-04-11
DRB1*1431	0	1	0	0	0	0	1	X		1997-10-30
DRB1*1432	1	1	2	0	0	0	4	X		1998-12-09
DRB1*1434	0	1	0	0	0	0	1	X		1999-11-29
DRB1*1435	0	0	3	1	0	0	4	X		1999-11-29
DRB1*1436	0	0	0	0	0	0	0		X	1999-11-29
DRB1*1437	0	0	0	0	0	0	0		X	2000-03-02
DRB1*1438	0	0	0	1	0	0	1	X		2000-12-11
DRB1*1439	0	5	0	0	0	0	5	X		2000-12-11
DRB1*1440	0	0	0	0	0	0	0		X	2000-12-11
DRB1*1441	0	0	1	8	0	1	10	X		2001-08-29
DRB1*1442	5	0	0	0	0	0	5	X		2001-10-31
DRB1*1443	0	0	0	0	0	0	0		X	2002-01-25
DRB1*1444	0	9	0	0	0	0	9	X		2002-08-30
DRB1*1445	0	0	0	0	0	0	0		X	2002-08-30
DRB1*1446	0	0	0	0	0	0	0		X	2002-12-16
DRB1*1447	0	0	1	1	2	0	4	X		2003-04-30
DRB1*1449	0	0	0	0	0	0	0		X	2005-02-18
DRB1*1450	0	1	0	0	0	0	1	X		2005-05-31
DRB1*1451	1	0	0	0	0	0	1	X		2005-05-31
DRB1*1452	0	0	0	4	0	0	4	X		2005-05-31
DRB1*1453	0	0	0	0	0	0	0		X	2005-09-23
DRB1*1455	0	0	0	0	0	0	0		X	2005-12-30
DRB1*1456	0	0	0	0	0	0	0		X	2006-01-27
DRB1*1457	0	0	0	0	0	0	0		X	2006-03-22
DRB1*1458	0	0	0	0	0	0	0		X	2006-03-22
DRB1*1459	0	0	0	0	0	0	0		X	2006-04-28
DRB1*1460	0	0	1	0	0	0	1	X		2006-05-31
DRB1*1461	0	3	0	0	0	0	3	X		2006-05-31
DRB1*1462	0	0	0	0	0	0	0		X	2006-06-30
DRB1*1463	0	0	0	0	0	0	0		X	2006-10-30
DRB1*1464	0	0	0	0	0	0	0		X	2006-11-29
DRB1*1465	0	0	0	0	0	0	0		X	2007-01-25
DRB1*1467	0	0	0	0	0	0	0		X	2007-04-30
DRB1*1468	0	3	0	0	0	0	3	X		2007-04-30
DRB1*1469	0	1	0	0	0	0	1	X		2007-07-31
DRB1*1470	0	0	2	0	0	0	2	X		2007-07-31
DRB1*1471	0	2	0	0	0	0	2	X		2007-07-31
DRB1*1472	0	0	1	1	0	0	2	X		2007-07-31
DRB1*1473	0	2	0	0	0	0	2	X		2007-07-31
DRB1*1474	0	0	0	0	0	0	0		X	2007-07-31
DRB1*1475	0	0	0	0	0	0	0		X	2007-12-20
DRB1*1476	0	0	0	0	0	0	0		X	2008-01-30
DRB1*1477	0	0	0	0	0	0	0		X	2008-03-25
DRB1*1478	0	0	0	0	0	0	0		X	2008-04-29
DRB1*1479	0	0	1	0	0	0	1	X		2008-04-29

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DRB1*1480	0	0	0	0	0	0	0		X	2008-05-21
DRB1*1481	0	0	0	1	0	0	1	X		2008-06-30
DRB1*1482	0	0	0	0	0	0	0		X	2008-07-30
DRB1*1483	0	0	0	1	0	0	1	X		2008-08-24
DRB1*1505	2	1	7	1	1	0	12	X		1995-05-17
DRB1*1507	3	2	22	1	0	2	30	X		1998-03-05
DRB1*1508	0	0	0	0	0	0	0		X	1998-03-06
DRB1*1509	0	1	4	0	0	0	5	X		1999-11-29
DRB1*1510	0	0	25	3	0	4	32	X		2000-02-23
DRB1*1511	0	9	0	1	0	1	11	X		2000-10-25
DRB1*1512	0	1	0	0	0	0	1	X		2001-09-21
DRB1*1513	0	1	0	0	0	0	1	X		2001-10-31
DRB1*1515	0	1	0	1	0	0	2	X		2004-06-25
DRB1*1516	0	0	1	0	0	0	1	X		2004-09-24
DRB1*1517N	0	0	0	1	0	0	1	X		2005-05-31
DRB1*1518	0	0	2	0	0	0	2	X		2005-08-25
DRB1*1519	0	0	0	0	0	0	0		X	2006-01-27
DRB1*1520	0	1	0	0	1	0	2	X		2006-05-31
DRB1*1521	0	0	0	0	0	0	0		X	2006-05-31
DRB1*1522	0	0	6	0	0	1	7	X		2006-05-31
DRB1*1523	8	0	0	0	0	0	8	X		2007-07-31
DRB1*1524	0	0	2	0	0	2	4	X		2007-07-31
DRB1*1525	0	0	1	0	0	0	1	X		2007-07-31
DRB1*1526	0	1	0	0	0	0	1	X		2007-08-30
DRB1*1527	0	0	1	0	0	0	1	X		2007-09-25
DRB1*1528	0	0	0	0	0	0	0		X	2008-05-21
DRB1*1529	0	0	0	0	0	0	0		X	2008-05-21
DRB1*1530	0	0	0	0	0	0	0		X	2008-05-21
DRB1*1531	0	1	0	0	0	0	1	X		2008-05-21
DRB1*1603	4	0	2	1	0	0	7	X		1993-02-26
DRB1*1609	0	0	0	0	0	0	0		X	2005-02-18
DRB1*1610	2	5	0	0	0	0	7	X		2005-09-23
DRB1*1611	0	0	0	0	0	0	0		X	2006-07-31
DRB1*1612	0	0	0	1	0	0	1	X		2007-07-31
DRB1*1613N	0	0	0	0	0	0	0		X	2007-08-30

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