HLA-A Locus Rare Allele List

Total Count = number of times an allele was reported to the NMDP.
Since 1987, 684,990 HLA-A 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 (< 1:50,000)	Zero	Publish Date
A*0101N	0	0	0	0	0	0	0		X	2005.04.29
A*0104N	0	0	3	0	0	0	3	X		1997.08.15
A*0107	0	0	0	0	0	0	0		X	2000.01.31
A*0108	1	1	6	1	0	1	10	X		2000.07.31
A*0109	3	0	0	0	0	0	3	X		2001.06.30
A*0110	0	0	0	0	0	0	0		X	2004.03.19
A*0111N	0	0	0	0	0	0	0		X	2005.01.31
A*0112	1	8	0	0	0	1	10	X		2005.01.31
A*0113	0	0	2	0	0	0	2	X		2005.01.31
A*0114	0	0	0	0	0	0	0		X	2005.04.29
A*0115N	0	0	1	0	0	0	1	X		2005.05.31
A*0116N	0	0	1	0	0	0	1	X		2005.07.28
A*0117	0	0	6	2	0	0	8	X		2005.10.30
A*0118N	0	0	0	0	0	0	0		X	2006.03.26
A*0119	0	0	0	0	0	0	0		X	2006.03.26
A*0120	0	0	0	0	0	0	0		X	2006.04.30
A*0121	0	0	0	0	0	0	0		X	2007.03.28
A*0122N	0	0	0	0	0	0	0		X	2007.03.28
A*0123	3	0	0	0	0	0	3	X		2007.03.28
A*0124	0	0	1	0	0	0	1	X		2007.03.28
A*0125	1	0	3	0	0	3	7	X		2007.03.28
A*0126	0	0	1	0	0	0	1	X		2007.04.30
A*0127N	0	0	0	0	0	0	0		X	2007.04.30
A*0128	0	0	0	0	0	0	0		X	2007.06.22
A*0129	0	0	0	0	0	1	1	X		2007.07.31
A*0130	0	0	1	0	0	0	1	X		2007.07.31
A*0201L	0	0	0	0	0	0	0		X	2003.07.31
A*0215N	0	0	1	0	0	0	1	X		1994.11.04
A*0218	0	3	0	0	0	0	3	X		1996.04.08
A*0221	0	0	6	1	0	0	7	X		1996.06.29
A*0225	0	0	11	0	0	0	11	X		1997.06.23
A*0226	1	0	9	1	0	1	12	X		1997.08.08
A*0228	0	2	1	0	0	0	3	X		1998.03.11
A*0229	0	0	10	0	0	2	12	X		1998.07.28
A*0231	0	0	0	0	0	0	0		X	1999.02.16
A*0232N	1	0	6	1	0	0	8	X		1999.02.16
A*0234	0	0	11	0	0	1	12	X		1999.04.30
A*0237	0	0	4	1	0	0	5	X		1999.11.17
A*0239	0	1	1	7	0	4	13	X		1999.11.17
A*0240	1	0	3	1	0	1	6	X		1999.11.17
A*0241	0	0	0	0	0	0	0		X	1999.11.30
A*0242	0	1	0	0	0	0	1	X		2000.01.31
A*0243N	0	0	1	0	0	0	1	X		2000.02.24
A*0245	1	0	3	1	0	0	5	X		2000.05.18
A*0246	0	0	1	1	0	0	2	X		2000.05.22
A*0247	8	0	0	0	0	0	8	X		2000.09.26
A*0248	0	7	0	0	0	0	7	X		2000.09.26

AFA = African American,
API = Asian or Pacific Islander,
CAU = Caucasian,
HIS = Hispanic Race or Ethnicity with CAU or no race,
NAM = Native American,
OTH = Multiple, Unknown or Decline

HLA-A Locus Rare Allele List

Total Count = number of times an allele was reported to the NMDP.
Since 1987, 684,990 HLA-A 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 (< 1:50,000)	Zero	Publish Date
A*0249	0	0	7	0	1	0	8	X		2000.12.18
A*0250	1	0	0	0	0	0	1	X		2001.01.31
A*0251	0	0	1	4	0	2	7	X		2001.05.31
A*0252	0	0	0	5	0	0	5	X		2001.09.30
A*0253N	0	4	0	0	0	0	4	X		2001.10.31
A*0254	0	0	0	7	0	1	8	X		2001.11.30
A*0255	0	0	1	1	0	0	2	X		2001.12.20
A*0256	0	0	0	0	0	0	0		X	2002.02.20
A*0257	2	1	0	6	0	0	9	X		2002.05.31
A*0258	0	0	1	9	0	0	10	X		2002.05.31
A*0259	0	0	0	0	0	0	0		X	2002.08.31
A*0261	0	0	0	0	0	0	0		X	2003.01.31
A*0262	0	0	0	0	0	0	0		X	2003.02.25
A*0263	5	0	1	1	0	1	8	X		2003.04.30
A*0264	0	1	0	6	0	4	11	X		2003.06.17
A*0265	0	0	1	0	0	0	1	X		2003.07.31
A*0266	1	0	10	0	0	1	12	X		2003.07.31
A*0267	0	0	0	0	0	0	0		X	2003.08.26
A*0268	0	0	0	0	0	0	0		X	2004.02.29
A*0269	0	0	0	0	0	0	0		X	2004.04.30
A*0270	0	0	0	0	0	0	0		X	2004.05.24
A*0271	0	0	0	0	0	0	0		X	2004.06.25
A*0272	0	0	0	0	0	0	0		X	2004.06.25
A*0273	0	0	2	0	0	0	2	X		2004.07.31
A*0274	2	1	2	0	0	0	5	X		2004.11.30
A*0275	0	0	0	0	0	0	0		X	2004.12.19
A*0276	0	0	0	1	0	0	1	X		2005.01.31
A*0277	0	0	1	0	0	0	1	X		2005.01.31
A*0278	0	0	0	0	0	0	0		X	2005.01.31
A*0279	0	0	0	0	0	0	0		X	2005.01.31
A*0280	0	0	2	0	0	0	2	X		2005.04.29
A*0281	0	0	2	0	0	0	2	X		2005.04.29
A*0282N	0	0	1	0	0	0	1	X		2005.05.31
A*0283N	0	0	0	0	0	0	0		X	2005.05.31
A*0284	4	0	0	0	1	0	5	X		2005.06.30
A*0285	0	0	5	0	0	1	6	X		2005.06.30
A*0286	3	1	4	0	0	2	10	X		2005.06.30
A*0287	0	0	1	6	0	1	8	X		2005.08.25
A*0288N	0	0	0	0	0	0	0		X	2005.09.23
A*0289	0	0	0	0	0	0	0		X	2005.09.23
A*0290	0	0	0	0	0	0	0		X	2005.10.30
A*0291	0	0	0	0	0	0	0		X	2006.01.27
A*0292	0	0	0	0	0	0	0		X	2006.01.27
A*0293	0	1	1	0	0	0	2	X		2006.02.27
A*0294N	0	0	0	0	0	0	0		X	2006.02.27
A*0295	0	0	0	0	0	0	0		X	2006.02.27
A*0296	0	0	2	0	0	1	3	X		2006.03.26

AFA = African American,
API = Asian or Pacific Islander,
CAU = Caucasian,
HIS = Hispanic Race or Ethnicity with CAU or no race,
NAM = Native American,
OTH = Multiple, Unknown or Decline

HLA-A Locus Rare Allele List

Total Count = number of times an allele was reported to the NMDP.
Since 1987, 684,990 HLA-A 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 (< 1:50,000)	Zero	Publish Date
A*0297	0	0	0	0	0	0	0		X	2006.04.30
A*0299	0	0	0	0	0	0	0		X	2006.04.30
A*0301N	0	0	0	0	0	0	0		X	2003.02.25
A*0303N	1	1	2	1	0	0	5	X		1996.05.26
A*0304	0	0	2	1	1	1	5	X		1998.01.09
A*0306	0	0	2	1	0	1	4	X		2000.05.18
A*0310	0	1	2	0	0	0	3	X		2002.09.30
A*0311N	0	0	1	0	0	0	1	X		2003.02.25
A*0312	1	0	2	0	0	0	3	X		2003.06.17
A*0313	0	0	0	0	0	0	0		X	2003.10.24
A*0314	0	0	1	0	0	0	1	X		2003.10.24
A*0315	0	0	1	0	0	0	1	X		2005.01.31
A*0316	0	1	3	0	0	0	4	X		2005.01.31
A*0317	0	0	0	0	0	0	0		X	2005.05.31
A*0318	0	0	0	0	0	0	0		X	2005.07.28
A*0319	0	0	0	0	0	0	0		X	2005.08.25
A*0320	0	0	5	0	0	0	5	X		2005.08.25
A*0321N	0	0	1	0	0	0	1	X		2005.10.30
A*0322	0	0	2	0	0	1	3	X		2005.12.30
A*0323	0	0	0	0	0	0	0		X	2006.04.30
A*0324	0	0	0	0	0	0	0		X	2006.05.31
A*0325	0	0	0	0	0	0	0		X	2006.09.27
A*0326	0	0	2	0	0	0	2	X		2006.12.27
A*0327	0	0	0	0	0	0	0		X	2007.01.28
A*0328	0	0	0	0	0	0	0		X	2007.03.28
A*0329	0	0	1	0	0	0	1	X		2007.03.28
A*0330	0	0	0	0	0	0	0		X	2007.05.31
A*0331	0	0	0	0	0	0	0		X	2007.07.31
A*0332	0	1	0	0	0	0	1	X		2007.07.31
A*0333	0	0	0	0	0	0	0		X	2007.08.31
A*0334	0	0	0	0	0	0	0		X	2007.08.31
A*0335	0	0	0	0	0	0	0		X	2007.08.31
A*0336N	0	0	0	0	0	0	0		X	2007.09.25
A*0337	0	0	0	0	0	0	0		X	2007.09.25
A*0338	0	0	1	0	0	0	1	X		2007.09.25
A*0339	0	0	0	0	0	0	0		X	2007.12.20
A*1106	0	2	9	0	0	0	11	X		1999.11.17
A*1107	0	0	1	0	0	0	1	X		2000.07.31
A*1110	0	0	3	0	0	0	3	X		2001.01.31
A*1111	0	0	0	1	0	0	1	X		2001.11.30
A*1112	0	2	9	2	0	0	13	X		2001.11.20
A*1113	0	0	0	0	0	0	0		X	2002.02.20
A*1114	0	1	0	0	0	0	1	X		2002.09.30
A*1115	0	0	0	0	0	0	0		X	2003.09.29
A*1116	0	1	0	0	0	0	1	X		2003.10.24
A*1117	0	1	0	0	0	0	1	X		2003.10.24
A*1118	0	0	0	0	0	0	0		X	2004.07.31

AFA = African American,
API = Asian or Pacific Islander,
CAU = Caucasian,
HIS = Hispanic Race or Ethnicity with CAU or no race,
NAM = Native American,
OTH = Multiple, Unknown or Decline

HLA-A Locus Rare Allele List

Total Count = number of times an allele was reported to the NMDP.
Since 1987, 684,990 HLA-A 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 (< 1:50,000)	Zero	Publish Date
A*1119	0	8	0	0	0	0	8	X		2004.08.25
A*1120	0	1	0	0	0	0	1	X		2004.12.19
A*1121N	0	0	0	0	0	0	0		X	2004.12.19
A*1122	0	1	1	0	0	0	2	X		2005.01.31
A*1123	0	0	2	0	0	0	2	X		2005.02.18
A*1124	0	0	0	0	0	0	0		X	2005.11.23
A*1125	0	0	1	0	0	0	1	X		2006.02.27
A*1126	0	0	0	0	0	0	0		X	2006.02.27
A*1127	0	1	0	0	0	0	1	X		2006.04.30
A*1129	0	0	1	0	0	0	1	X		2006.06.30
A*1130	0	0	0	0	0	0	0		X	2007.01.28
A*1131	0	0	0	0	0	0	0		X	2007.04.30
A*1132	0	0	0	0	0	0	0		X	2007.05.31
A*1133	0	0	0	0	0	0	0		X	2008.05.31
A*1134	0	0	0	0	0	0	0		X	2008.05.31
A*1135	0	0	0	0	0	0	0		X	2008.05.31
A*1136	0	0	0	0	0	0	0		X	2008.06.30
A*2303	3	1	0	2	0	0	6	X		1999.06.08
A*2304	4	0	2	0	0	0	6	X		1999.11.17
A*2306	3	0	1	0	0	0	4	X		2000.01.31
A*2307N	0	0	0	0	0	0	0		X	2001.04.30
A*2308N	0	0	0	0	0	0	0		X	2001.06.30
A*2309	1	0	0	0	0	1	2	X		2002.01.28
A*2310	0	0	1	0	0	1	2	X		2003.06.17
A*2311N	0	0	0	0	0	0	0		X	2003.10.24
A*2312	0	0	0	0	0	0	0		X	2003.11.30
A*2313	1	0	2	0	0	0	3	X		2005.08.25
A*2314	0	0	0	1	0	0	1	X		2005.09.23
A*2315	7	0	0	0	0	0	7	X		2007.03.28
A*2316	0	0	0	0	0	0	0		X	2007.05.31
A*2317	0	0	0	0	0	0	0		X	2007.11.30
A*2318	0	0	0	0	0	0	0		X	2007.11.30
A*2319Q	0	0	0	0	0	0	0		X	2007.12.20
A*2402L	0	1	3	0	0	0	4	X		1996.06.29
A*2409N	1	0	8	0	1	0	10	X		1995.11.17
A*2411N	0	3	2	0	0	1	6	X		1996.04.20
A*2418	0	0	5	2	0	1	8	X		1998.09.10
A*2419	0	0	2	1	0	1	4	X		1998.09.10
A*2421	0	0	0	0	0	1	1	X		1999.01.04
A*2424	1	0	0	0	0	0	1	X		1999.04.30
A*2426	0	0	4	9	0	0	13	X		1999.11.30
A*2427	0	0	0	0	0	0	0		X	2000.02.24
A*2429	0	0	7	0	0	1	8	X		2000.08.31
A*2430	0	3	4	0	0	1	8	X		2000.08.31
A*2431	0	0	2	1	0	0	3	X		2000.09.26
A*2434	0	0	0	2	0	0	2	X		2001.11.30
A*2435	0	0	3	0	0	1	4	X		2001.12.20

AFA = African American,
API = Asian or Pacific Islander,
CAU = Caucasian,
HIS = Hispanic Race or Ethnicity with CAU or no race,
NAM = Native American,
OTH = Multiple, Unknown or Decline

HLA-A Locus Rare Allele List

Total Count = number of times an allele was reported to the NMDP.
Since 1987, 684,990 HLA-A 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 (< 1:50,000)	Zero	Publish Date
A*2436N	0	0	0	0	0	0	0		X	2002.03.28
A*2437	0	4	0	0	0	1	5	X		2002.09.30
A*2438	0	0	0	3	0	0	3	X		2002.11.30
A*2439	0	0	0	0	0	0	0		X	2003.07.31
A*2440N	0	0	0	0	0	0	0		X	2003.10.24
A*2441	0	0	0	0	0	0	0		X	2003.10.24
A*2442	0	0	0	0	0	0	0		X	2004.02.29
A*2443	0	0	1	0	0	3	4	X		2004.06.25
A*2444	0	0	0	0	0	0	0		X	2004.07.31
A*2445N	0	0	0	0	0	0	0		X	2004.07.31
A*2446	0	0	1	0	0	0	1	X		2004.08.25
A*2447	0	0	0	0	0	0	0		X	2004.12.19
A*2448N	0	0	0	0	0	0	0		X	2004.12.19
A*2449	0	0	0	0	0	0	0		X	2004.12.19
A*2450	0	1	0	1	0	0	2	X		2005.01.31
A*2451	0	0	0	0	0	0	0		X	2005.02.18
A*2452	0	0	0	0	0	0	0		X	2005.04.29
A*2454	0	0	0	0	0	0	0		X	2005.06.30
A*2455	0	0	1	0	0	0	1	X		2005.10.30
A*2456	0	0	2	1	0	0	3	X		2005.10.30
A*2457	0	0	2	0	0	0	2	X		2005.10.30
A*2458	0	0	2	0	0	1	3	X		2005.12.30
A*2459	0	0	1	0	0	0	1	X		2006.01.27
A*2460N	0	0	0	0	0	0	0		X	2006.01.27
A*2461	0	0	0	0	0	0	0		X	2006.02.27
A*2462	0	0	0	0	0	0	0		X	2006.02.27
A*2463	0	0	0	0	0	0	0		X	2006.04.30
A*2464	0	3	0	0	0	0	3	X		2006.05.31
A*2466	0	0	0	0	0	0	0		X	2006.06.30
A*2467	0	0	0	0	0	0	0		X	2006.10.31
A*2468	0	0	0	0	0	0	0		X	2006.11.30
A*2469	0	0	0	0	0	0	0		X	2007.01.28
A*2470	0	0	0	0	0	0	0		X	2007.01.28
A*2471	0	0	1	0	0	0	1	X		2007.01.28
A*2472	0	0	0	2	0	1	3	X		2007.03.28
A*2473	0	0	0	0	0	0	0		X	2007.03.28
A*2474	0	0	0	0	0	0	0		X	2007.03.28
A*2475	0	0	0	0	0	0	0		X	2007.03.28
A*2476	0	0	0	0	0	0	0		X	2007.03.28
A*2477	0	1	0	0	0	0	1	X		2007.05.31
A*2478	0	0	0	0	0	0	0		X	2007.05.31
A*2479	0	0	0	0	0	0	0		X	2007.06.22
A*2480	0	0	0	0	0	0	0		X	2007.07.31
A*2481	0	0	1	0	0	0	1	X		2007.07.31
A*2482	0	1	0	0	0	0	1	X		2007.07.31
A*2483N	0	0	0	0	0	0	0		X	2007.09.25
A*2484N	0	0	0	0	0	0	0		X	2007.11.30

AFA = African American,
API = Asian or Pacific Islander,
CAU = Caucasian,
HIS = Hispanic Race or Ethnicity with CAU or no race,
NAM = Native American,
OTH = Multiple, Unknown or Decline

HLA-A Locus Rare Allele List

Total Count = number of times an allele was reported to the NMDP.
Since 1987, 684,990 HLA-A 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 (< 1:50,000)	Zero	Publish Date
A*2485	0	0	0	0	0	0	0		X	2008.01.31
A*2486N	0	0	0	0	0	0	0		X	2008.03.26
A*2487	0	0	0	0	0	0	0		X	2008.05.31
A*2488	0	0	0	0	0	0	0		X	2008.05.31
A*2489	0	0	0	0	0	0	0		X	2008.05.31
A*2490N	0	0	0	0	0	0	0		X	2008.05.31
A*2491	0	0	0	0	0	0	0		X	2008.06.30
A*2504	0	0	2	0	0	0	2	X		2001.07.31
A*2505	1	0	0	0	0	0	1	X		2006.06.30
A*2506	0	0	0	0	0	0	0		X	2006.09.27
A*2604	0	1	1	0	0	0	2	X		1993.07.27
A*2610	0	3	0	0	0	1	4	X		1997.07.10
A*2611N	0	0	0	0	0	0	0		X	1997.10.29
A*2613	0	0	3	0	0	1	4	X		1999.04.30
A*2614	0	4	1	0	0	0	5	X		1999.11.17
A*2615	0	0	6	0	0	1	7	X		2000.05.30
A*2616	0	5	6	1	0	1	13	X		2000.10.23
A*2617	1	1	3	2	0	2	9	X		2000.10.23
A*2619	2	0	0	0	0	0	2	X		2003.08.26
A*2620	0	5	0	0	0	0	5	X		2004.03.22
A*2621	0	0	0	0	0	0	0		X	2004.04.30
A*2622	0	0	0	0	0	0	0		X	2004.06.25
A*2623	0	0	1	0	0	0	1	X		2004.07.31
A*2624	0	0	0	0	0	0	0		X	2005.01.31
A*2625N	0	0	0	0	0	0	0		X	2005.04.29
A*2626	0	0	0	0	0	0	0		X	2005.04.29
A*2627	0	0	0	4	0	0	4	X		2005.10.30
A*2628	0	0	0	0	0	0	0		X	2006.02.27
A*2629	0	0	0	0	0	0	0		X	2006.04.30
A*2630	1	0	0	0	0	1	2	X		2006.04.30
A*2631	0	0	0	0	0	0	0		X	2006.05.31
A*2632	0	0	0	0	0	0	0		X	2006.07.31
A*2633	0	0	0	0	0	0	0		X	2006.08.23
A*2634	0	0	0	0	0	0	0		X	2006.11.30
A*2635	0	2	0	0	0	0	2	X		2007.04.30
A*2636	0	0	0	0	0	0	0		X	2008.04.29
A*2637	0	0	0	0	0	0	0		X	2008.04.29
A*2901N	0	0	0	0	0	0	0		X	2001.01.31
A*2904	0	0	5	0	1	0	6	X		1998.03.11
A*2905	0	0	1	0	0	0	1	X		2001.07.31
A*2906	0	0	0	0	0	0	0		X	2001.12.20
A*2907	0	0	3	0	0	0	3	X		2002.09.30
A*2908N	0	0	0	0	0	0	0		X	2002.01.31
A*2909	0	1	9	1	0	0	11	X		2003.02.25
A*2911	1	0	1	1	0	1	4	X		2003.12.15
A*2912	0	0	4	0	1	1	6	X		2005.01.31
A*2913	1	0	0	0	0	0	1	X		2005.01.31

AFA = African American,
API = Asian or Pacific Islander,
CAU = Caucasian,
HIS = Hispanic Race or Ethnicity with CAU or no race,
NAM = Native American,
OTH = Multiple, Unknown or Decline

HLA-A Locus Rare Allele List

Total Count = number of times an allele was reported to the NMDP.
Since 1987, 684,990 HLA-A 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 (< 1:50,000)	Zero	Publish Date
A*2914	1	0	0	0	0	0	1	X		2005.06.30
A*2915	0	0	0	0	0	0	0		X	2006.04.30
A*2916	0	0	0	0	0	0	0		X	2006.11.30
A*2917	0	0	1	0	0	0	1	X		2007.07.31
A*3006	0	0	1	0	0	0	1	X		1998.01.09
A*3011	2	7	3	0	0	0	12	X		2001.02.28
A*3012	0	0	0	0	0	0	0		X	2002.03.28
A*3013	0	0	1	0	0	0	1	X		2005.01.31
A*3014L	0	0	0	0	0	0	0		X	2005.02.18
A*3015	0	0	2	0	0	0	2	X		2005.02.18
A*3016	2	0	0	0	0	0	2	X		2006.01.27
A*3017	0	0	0	0	0	0	0		X	2006.04.30
A*3018	0	1	0	0	0	0	1	X		2006.08.23
A*3019	0	0	0	0	0	0	0		X	2006.12.27
A*3020	0	0	1	0	0	0	1	X		2007.01.28
A*3022	0	0	1	0	0	0	1	X		2007.06.22
A*3023	0	0	0	0	0	0	0		X	2007.07.31
A*3024	0	0	0	0	0	0	0		X	2007.08.31
A*3025	0	0	0	0	0	0	0		X	2008.04.29
A*3103	2	1	5	0	0	0	8	X		1998.09.10
A*3104	5	0	2	0	0	1	8	X		1998.11.10
A*3105	0	3	1	2	0	0	6	X		2000.01.31
A*3110	0	0	0	0	0	0	0		X	2004.08.31
A*3111	0	4	0	0	0	0	4	X		2004.12.19
A*3113	0	1	4	1	0	0	6	X		2005.09.23
A*3114N	0	0	0	0	0	0	0		X	2006.08.23
A*3115	0	0	0	2	0	0	2	X		2006.11.30
A*3116	0	7	0	0	0	0	7	X		2007.03.28
A*3117	0	0	0	0	0	0	0		X	2007.03.28
A*3118	0	0	0	2	0	0	2	X		2007.04.30
A*3119	0	0	0	0	0	0	0		X	2007.07.31
A*3120	0	0	0	0	0	0	0		X	2007.09.25
A*3121	0	0	1	0	0	0	1	X		2007.09.25
A*3122	0	0	0	0	0	0	0		X	2008.03.26
A*3205	0	0	2	0	0	0	2	X		2000.01.31
A*3209	0	0	0	0	0	0	0		X	2005.03.22
A*3210	0	0	0	0	0	0	0		X	2005.06.30
A*3211Q	0	0	0	0	0	0	0		X	2005.12.30
A*3212	0	0	0	0	0	0	0		X	2006.07.31
A*3213	0	0	1	0	0	0	1	X		2006.08.23
A*3214	0	0	0	0	0	0	0		X	2006.11.30
A*3215	0	0	0	0	0	0	0		X	2007.01.28
A*3216	0	0	0	0	0	0	0		X	2008.02.27
A*3304	0	1	3	1	0	0	5	X		1998.03.11
A*3306	0	1	0	1	0	0	2	X		2000.08.31
A*3307	0	0	0	0	0	0	0		X	2003.02.25
A*3308	1	0	3	1	0	0	5	X		2005.06.30

AFA = African American,
API = Asian or Pacific Islander,
CAU = Caucasian,
HIS = Hispanic Race or Ethnicity with CAU or no race,
NAM = Native American,
OTH = Multiple, Unknown or Decline

HLA-A Locus Rare Allele List

Total Count = number of times an allele was reported to the NMDP.
Since 1987, 684,990 HLA-A 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 (< 1:50,000)	Zero	Publish Date
A*3309	0	0	2	0	0	0	2	X		2006.11.30
A*3310	0	0	0	0	0	0	0		X	2007.02.28
A*3311	2	0	0	0	0	0	2	X		2007.04.30
A*3312	0	0	2	0	0	0	2	X		2007.05.31
A*3313	0	1	0	0	0	0	1	X		2007.06.22
A*3314	0	0	0	0	0	0	0		X	2008.01.31
A*3315	0	0	0	0	0	0	0		X	2008.02.27
A*3316	0	0	0	0	0	0	0		X	2008.03.26
A*3317	0	0	0	0	0	0	0		X	2008.03.26
A*3318	0	0	0	0	0	0	0		X	2008.05.31
A*3319	0	0	0	0	0	0	0		X	2008.06.30
A*3404	2	0	0	0	0	0	2	X		2000.08.31
A*3406	0	0	0	0	0	0	0		X	2004.04.30
A*3407	0	0	0	0	0	0	0		X	2005.10.30
A*3408	0	0	2	0	0	1	3	X		2006.03.26
A*3602	0	0	6	1	0	1	8	X		2000.07.31
A*6604	0	0	1	0	0	0	1	X		2000.11.22
A*6605	0	0	1	0	0	0	1	X		2005.09.23
A*6606	0	0	0	0	0	0	0		X	2006.02.27
A*6607	0	0	0	0	0	0	0		X	2007.10.22
A*6804	3	0	4	1	0	1	9	X		1997.02.03
A*6809	1	0	2	0	0	0	3	X		1998.09.10
A*6811N	0	0	0	0	0	0	0		X	1999.01.06
A*6813	0	0	3	0	0	0	3	X		1999.06.08
A*6814	0	0	0	0	0	0	0		X	1999.06.25
A*6816	0	2	0	5	0	0	7	X		1999.11.17
A*6818N	0	0	0	0	0	0	0		X	2000.07.31
A*6819	3	0	4	1	0	0	8	X		2000.07.31
A*6820	0	0	1	6	0	2	9	X		2001.04.30
A*6821	0	0	0	0	0	0	0		X	2002.03.28
A*6822	0	0	3	0	0	0	3	X		2002.04.30
A*6823	0	0	1	7	1	1	10	X		2002.09.30
A*6825	1	0	9	0	0	2	12	X		2003.10.24
A*6826	1	0	0	0	0	0	1	X		2004.05.24
A*6827	1	0	0	0	0	0	1	X		2004.06.25
A*6828	1	0	0	0	0	0	1	X		2005.01.31
A*6829	0	0	0	2	0	1	3	X		2005.10.30
A*6830	1	0	0	2	0	2	5	X		2005.10.30
A*6831	1	0	1	10	0	1	13	X		2006.01.27
A*6832	0	0	0	0	0	0	0		X	2006.02.27
A*6833	0	0	0	0	0	0	0		X	2006.04.30
A*6834	0	0	0	0	0	0	0		X	2006.06.30
A*6835	0	0	2	0	0	0	2	X		2006.07.31
A*6836	0	0	0	1	0	0	1	X		2006.10.31
A*6837	0	0	0	0	0	0	0		X	2007.01.28
A*6838	0	0	0	0	0	0	0		X	2007.03.28
A*6839	1	0	0	0	0	0	1	X		2007.04.30

AFA = African American,
API = Asian or Pacific Islander,
CAU = Caucasian,
HIS = Hispanic Race or Ethnicity with CAU or no race,
NAM = Native American,
OTH = Multiple, Unknown or Decline

HLA-A Locus Rare Allele List

Total Count = number of times an allele was reported to the NMDP.
Since 1987, 684,990 HLA-A 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 (< 1:50,000)	Zero	Publish Date
A*6840	2	0	0	0	0	0	2	X		2007.06.22
A*6841	0	0	0	0	0	0	0		X	2007.07.31
A*6842	0	0	1	0	0	0	1	X		2007.11.30
A*6843	0	0	0	0	0	0	0		X	2008.05.31
A*7404	1	0	0	0	0	0	1	X		1999.11.17
A*7407	0	0	1	0	1	0	2	X		2001.08.31
A*7408	1	0	0	5	0	0	6	X		2001.11.30
A*7410	1	0	0	0	0	0	1	X		2003.10.24
A*7412N	0	0	0	0	0	0	0		X	2005.11.23
A*9201	0	0	0	1	0	0	1	X		2006.04.30
A*9202	0	0	0	0	0	0	0		X	2006.04.30
A*9203	0	0	0	0	0	0	0		X	2006.05.31
A*9204	0	0	0	0	0	0	0		X	2006.09.27
A*9205	0	0	0	1	0	0	1	X		2006.10.31
A*9206	0	0	0	0	0	0	0		X	2006.10.31
A*9207	0	0	0	0	0	0	0		X	2006.11.30
A*9208	0	0	0	0	0	0	0		X	2006.11.30
A*9209	0	0	0	0	0	0	0		X	2006.12.27
A*9210	0	0	0	0	0	0	0		X	2007.01.28
A*9211	0	0	0	0	0	0	0		X	2007.01.28
A*9212	0	0	0	0	0	0	0		X	2007.02.28
A*9213N	0	0	2	0	0	0	2	X		2007.03.28
A*9214	0	0	2	0	0	0	2	X		2007.03.28
A*9215	1	0	0	0	0	0	1	X		2007.03.28
A*9216	0	0	0	0	0	0	0		X	2007.03.28
A*9217	0	0	0	0	0	0	0		X	2007.04.30
A*9218	0	0	1	0	0	0	1	X		2007.04.30
A*9219	0	0	2	1	0	0	3	X		2007.04.30
A*9220	0	0	2	0	0	0	2	X		2007.04.30
A*9221	0	0	1	0	0	0	1	X		2007.05.31
A*9222	2	0	0	3	0	0	5	X		2007.05.31
A*9223	0	1	9	0	0	0	10	X		2007.05.31
A*9224	0	0	0	0	0	0	0		X	2007.05.31
A*9225N	0	0	0	0	0	0	0		X	2007.05.31
A*9226	0	0	0	0	0	0	0		X	2007.05.31
A*9227	0	0	0	0	0	0	0		X	2007.07.31
A*9228	0	1	0	0	0	0	1	X		2007.07.31
A*9229	0	0	0	0	0	0	0		X	2007.08.31
A*9230	0	0	0	0	0	0	0		X	2007.08.31
A*9231	0	0	0	0	0	0	0		X	2007.08.31
A*9232	0	0	0	0	0	0	0		X	2007.09.25
A*9233	0	0	0	0	0	0	0		X	2007.09.25
A*9234	0	0	0	0	0	0	0		X	2007.10.01
A*9235	0	0	0	0	0	0	0		X	2007.10.22
A*9236	0	0	0	3	0	3	6	X		2007.11.30
A*9237	0	0	0	0	0	0	0		X	2007.11.30
A*9238	0	0	0	0	0	0	0		X	2008.02.27

AFA = African American,
API = Asian or Pacific Islander,
CAU = Caucasian,
HIS = Hispanic Race or Ethnicity with CAU or no race,
NAM = Native American,
OTH = Multiple, Unknown or Decline

HLA-A Locus Rare Allele List

Total Count = number of times an allele was reported to the NMDP.
Since 1987, 684,990 HLA-A 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 (< 1:50,000)	Zero	Publish Date
A*9239	0	0	0	0	0	0	0		X	2008.02.27
A*9240	0	0	0	0	0	0	0		X	2008.02.27
A*9241	0	0	0	0	0	0	0		X	2008.03.26
A*9242	0	0	0	0	0	0	0		X	2008.04.29
A*9243	0	0	0	0	0	0	0		X	2008.04.29
A*9244	0	0	0	0	0	0	0		X	2008.04.29
A*9245	0	0	0	0	0	0	0		X	2008.04.29
A*9246	0	0	0	0	0	0	0		X	2008.05.31
A*9247	0	0	0	0	0	0	0		X	2008.05.31
A*9248	0	0	0	0	0	0	0		X	2008.06.30

AFA = African American,
API = Asian or Pacific Islander,
CAU = Caucasian,
HIS = Hispanic Race or Ethnicity with CAU or no race,
NAM = Native American,
OTH = Multiple, Unknown or Decline