



HLA Rare Allele List Changes Changes Occuring Between IMGT Releases 2.12.0 and 2.16.0

Allele	Reason for Change
A*0108	Moved from common to the Rare category. Caused by an increase in total typings but no (or relatively fewer) observations of the specific allele.
A*0109	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*0117	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*0228	Moved from common to the Rare category. Caused by an increase in total typings but no (or relatively fewer) observations of the specific allele.
A*0233	Moved off of the list due to additional observations.
A*0242	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*0274	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*0280	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*0281	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*0282N	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*0284	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*0285	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*0286	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*0310	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*0322	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*1107	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*1120	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*1128	New Rare allele with observed counts since the last publication.
A*2306	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*2457	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*2459	New Rare allele with observed counts since the last publication.
A*2610	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*2618	Moved off of the list due to additional observations.
A*2627	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*3107	Moved off of the list due to additional observations.
A*3109	Moved off of the list due to additional observations.
A*3112	Moved off of the list due to additional observations.
A*3113	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*3213	New Rare allele with observed counts since the last publication.
A*3308	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*3405	Moved off of the list due to additional observations.
A*3408	New Rare allele with observed counts since the last publication.
A*3604	Moved off of the list due to additional observations.
A*6804	Moved from common to the Rare category. Caused by an increase in total typings but no (or relatively fewer) observations of the specific allele.
A*6817	Moved off of the list due to additional observations.
A*6824	Moved off of the list due to additional observations.
A*6826	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*6830	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*6831	New Rare allele with observed counts since the last publication.
A*7404	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*7409	Moved off of the list due to additional observations.
A*7410	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*7411	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*0722	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*0728	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*0735	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*0737	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*0742	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*0802	Moved from common to the Rare category. Caused by an increase in total typings but no (or relatively fewer) observations of the specific allele.
B*0818	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*0821	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*0823	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*0824	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*0827	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*1598	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*1806	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*2713	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*2726	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*3509	Moved off of the list due to additional observations.
B*3534	Moved off of the list due to additional observations.
B*3538	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*3541	Moved off of the list due to additional observations.
B*3545	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*3555	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*3559	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*3566	New Rare allele with observed counts since the last publication.
B*3928	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*3931	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*3935	Observed for the first time since the last publication. Moved from Zero to Rare category.



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Allele	Reason for Change
B*3937	Moved from common to the Rare category. Caused by an increase in total typings but no (or relatively fewer) observations of the specific allele.
B*3939	New Rare allele with observed counts since the last publication.
B*4019	Moved from common to the Rare category. Caused by an increase in total typings but no (or relatively fewer) observations of the specific allele.
B*4037	Moved off of the list due to additional observations.
B*4059	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*4106	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*4407	Moved off of the list due to additional observations.
B*4416	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*4418	Moved off of the list due to additional observations.
B*4430	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*4434	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*4436	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*4705	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*4903	Corrected since the last publication. Moved from Rare to Zero category.
B*5132	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*5133	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*5139	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*5143	New Rare allele with observed counts since the last publication.
B*5310	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*5403	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*5523	New Rare allele with observed counts since the last publication.
B*5614	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*5616	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*5617	New Rare allele with observed counts since the last publication.
B*5705	Moved from common to the Rare category. Caused by an increase in total typings but no (or relatively fewer) observations of the specific allele.
B*5711	New Rare allele with observed counts since the last publication.
B*8102	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*0208	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*0312	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*0318	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*0319	Moved off of the list due to additional observations.
Cw*0321	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*0417	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*0514	New Rare allele with observed counts since the last publication.
Cw*0605	Moved from common to the Rare category. Caused by an increase in total typings but no (or relatively fewer) observations of the specific allele.
Cw*0713	Moved from common to the Rare category. Caused by an increase in total typings but no (or relatively fewer) observations of the specific allele.
Cw*0729	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*0733N	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*0735	New Rare allele with observed counts since the last publication.
Cw*0739	New Rare allele with observed counts since the last publication.
Cw*0740	New Rare allele with observed counts since the last publication.
Cw*0806	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*0810	Moved off of the list due to additional observations.
Cw*0813	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*1212	Moved off of the list due to additional observations.
Cw*1218	New Rare allele with observed counts since the last publication.
Cw*1406	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*1507	Moved off of the list due to additional observations.
Cw*1513	Moved off of the list due to additional observations.
Cw*1516	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*1608	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*1704	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*0109	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*0111	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*0306	Moved from common to the Rare category. Caused by an increase in total typings but no (or relatively fewer) observations of the specific allele.
DRB1*0314	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*0435	Moved from common to the Rare category. Caused by an increase in total typings but no (or relatively fewer) observations of the specific allele.
DRB1*0442	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*0451	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*0454	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*0703	Moved off of the list due to additional observations.
DRB1*0708	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*0711	New Rare allele with observed counts since the last publication.
DRB1*0814	Moved from common to the Rare category. Caused by an increase in total typings but no (or relatively fewer) observations of the specific allele.
DRB1*0819	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*0821	Corrected since the last publication. Moved from Rare to Zero category.
DRB1*0827	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*0903	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*0904	Observed for the first time since the last publication. Moved from Zero to Rare category.



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DRB1*1116	Moved from common to the Rare category. Caused by an increase in total typings but no (or relatively fewer) observations of the specific allele.
DRB1*1124	Moved off of the list due to additional observations.
DRB1*1130	Moved from common to the Rare category. Caused by an increase in total typings but no (or relatively fewer) observations of the specific allele.
DRB1*1136	Moved off of the list due to additional observations.
DRB1*1140	Moved from common to the Rare category. Caused by an increase in total typings but no (or relatively fewer) observations of the specific allele.
DRB1*1143	Moved off of the list due to additional observations.
DRB1*1146	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*1147	Moved off of the list due to additional observations.
DRB1*1149	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*1333	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*1344	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*1345	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*1350	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*1354	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*1359	Moved off of the list due to additional observations.
DRB1*1369	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*1438	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*1452	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*1454	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*1515	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*1517N	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*1522	New Rare allele with observed counts since the last publication.
DRB1*1610	Observed for the first time since the last publication. Moved from Zero to Rare category.