HLA Rare Allele List Changes
Changes Occuring Between IMGT Releases 2.18.0 and 2.20.0

Allele	Reason for Change
A*0115N	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*0126	New Rare allele with observed counts since the last publication.
A*0127N	New Rare allele since the last publication, with no observed count.
A*0128	New Rare allele since the last publication, with no observed count.
A*0129	New Rare allele with observed counts since the last publication.
A*0130	New Rare allele with observed counts since the last publication.
A*0277	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*0293	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*0296	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*0309	Moved off of the list due to additional observations.
A*0326	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*0330	New Rare allele since the last publication, with no observed count.
A*0331	New Rare allele since the last publication, with no observed count.
A*0332	New Rare allele with observed counts since the last publication.
A*0333	New Rare allele since the last publication, with no observed count.
A*0334	New Rare allele since the last publication, with no observed count.
A*0335	New Rare allele since the last publication, with no observed count.
A*0336N	New Rare allele since the last publication, with no observed count.
A*0337	New Rare allele since the last publication, with no observed count.
A*0338	New Rare allele with observed counts since the last publication.
A*0339	New Rare allele since the last publication, with no observed count.
A*1117	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*1122	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*1123	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*1128	Deleted from the IMGT database since the initial publication.
A*1129	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*1131	New Rare allele since the last publication, with no observed count.
A*1132	New Rare allele since the last publication, with no observed count.
A*2314	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*2316	New Rare allele since the last publication, with no observed count.
A*2317	New Rare allele since the last publication, with no observed count.
A*2319Q	New Rare allele since the last publication, with no observed count.
A*2421	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*2435	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*2438	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*2443	Observed for the first time since the last publication. Moved from Zero to Rare category.

HLA Rare Allele List Changes
Changes Occuring Between IMGT Releases 2.18.0 and 2.20.0

Allele	Reason for Change
A*2456	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*2464	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*2465	Deleted from the IMGT database since the initial publication.
A*2477	New Rare allele with observed counts since the last publication.
A*2478	New Rare allele since the last publication, with no observed count.
A*2479	New Rare allele since the last publication, with no observed count.
A*2480	New Rare allele since the last publication, with no observed count.
A*2481	New Rare allele with observed counts since the last publication.
A*2482	New Rare allele with observed counts since the last publication.
A*2483N	New Rare allele since the last publication, with no observed count.
A*2484N	New Rare allele since the last publication, with no observed count.
A*2630	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*2635	New Rare allele with observed counts since the last publication.
A*2910	Moved off of the list due to additional observations.
A*2911	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*2912	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*2913	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*2914	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*2917	New Rare allele with observed counts since the last publication.
A*3013	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*3016	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*3018	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*3021	Deleted from the IMGT database since the initial publication.
A*3022	New Rare allele with observed counts since the last publication.
A*3023	New Rare allele since the last publication, with no observed count.
A*3024	New Rare allele since the last publication, with no observed count.
A*3115	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*3118	New Rare allele with observed counts since the last publication.
A*3119	New Rare allele since the last publication, with no observed count.
A*3120	New Rare allele since the last publication, with no observed count.
A*3121	New Rare allele with observed counts since the last publication.
A*3208	Moved off of the list due to additional observations.
A*3311	New Rare allele with observed counts since the last publication.
A*3312	New Rare allele with observed counts since the last publication.
A*3313	New Rare allele with observed counts since the last publication.
A*6604	Observed for the first time since the last publication. Moved from Zero to Rare category.

HLA Rare Allele List Changes
Changes Occuring Between IMGT Releases 2.18.0 and 2.20.0

Allele	Reason for Change
A*6607	New Rare allele since the last publication, with no observed count.
A*6810	Moved off of the list due to additional observations.
A*6813	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*6817	Moved off of the list due to additional observations.
A*6827	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*6828	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*6829	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*6836	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*6839	New Rare allele with observed counts since the last publication.
A*6840	New Rare allele with observed counts since the last publication.
A*6841	New Rare allele since the last publication, with no observed count.
A*6842	New Rare allele since the last publication, with no observed count.
A*7402	Moved from common to the Rare category. Caused by an increase in total typings but no change in (or relatively fewer) observations of the allele.
A*9201	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*9205	New Rare allele with observed counts since the last publication.
A*9213N	Observed for the first time since the last publication. Moved from Zero to Rare category.
A*9216	New Rare allele since the last publication, with no observed count.
A*9217	New Rare allele since the last publication, with no observed count.
A*9218	New Rare allele with observed counts since the last publication.
A*9219	New Rare allele with observed counts since the last publication.
A*9220	New Rare allele with observed counts since the last publication.
A*9221	New Rare allele since the last publication, with no observed count.
A*9222	New Rare allele with observed counts since the last publication.
A*9223	New Rare allele with observed counts since the last publication.
A*9224	New Rare allele since the last publication, with no observed count.
A*9225N	New Rare allele since the last publication, with no observed count.
A*9226	New Rare allele since the last publication, with no observed count.
A*9227	New Rare allele since the last publication, with no observed count.
A*9228	New Rare allele with observed counts since the last publication.
A*9229	New Rare allele since the last publication, with no observed count.
A*9230	New Rare allele since the last publication, with no observed count.
A*9231	New Rare allele since the last publication, with no observed count.
A*9232	New Rare allele since the last publication, with no observed count.
A*9233	New Rare allele since the last publication, with no observed count.
A*9234	New Rare allele since the last publication, with no observed count.
A*9235	New Rare allele since the last publication, with no observed count.

HLA Rare Allele List Changes
Changes Occuring Between IMGT Releases 2.18.0 and 2.20.0

Allele	Reason for Change
A*9236	New Rare allele since the last publication, with no observed count.
A*9237	New Rare allele since the last publication, with no observed count.
B*0738	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*0745	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*0751	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*0753	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*0754	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*0755	New Rare allele since the last publication, with no observed count.
B*0756	New Rare allele since the last publication, with no observed count.
B*0757	New Rare allele since the last publication, with no observed count.
B*0758	New Rare allele since the last publication, with no observed count.
B*0759	New Rare allele since the last publication, with no observed count.
B*0760	New Rare allele since the last publication, with no observed count.
B*0761	New Rare allele since the last publication, with no observed count.
B*0762	New Rare allele since the last publication, with no observed count.
B*0826	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*0828	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*0834	New Rare allele since the last publication, with no observed count.
B*0835	New Rare allele since the last publication, with no observed count.
B*1307N	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*1308Q	Nomenclature changed. A 'modified-expression' suffix was added.
B*1313	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*1318	New Rare allele since the last publication, with no observed count.
B*1319	New Rare allele since the last publication, with no observed count.
B*1320	New Rare allele since the last publication, with no observed count.
B*1321	New Rare allele since the last publication, with no observed count.
B*1569	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*1575	Moved off of the list due to additional observations.
B*1814	Moved from common to the Rare category. Caused by an increase in total typings but no change in (or relatively fewer) observations of the allele.
B*1825	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*1826	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*1827	New Rare allele since the last publication, with no observed count.
B*1828	New Rare allele since the last publication, with no observed count.
B*2710	Moved off of the list due to additional observations.
B*2728	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*2731	Observed for the first time since the last publication. Moved from Zero to Rare category.

HLA Rare Allele List Changes
Changes Occuring Between IMGT Releases 2.18.0 and 2.20.0

Allele	Reason for Change
B*2736	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*2738	New Rare allele since the last publication, with no observed count.
B*2739	New Rare allele since the last publication, with no observed count.
B*3532	Moved from common to the Rare category. Caused by an increase in total typings but no change in (or relatively fewer) observations of the allele.
B*3556	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*3558	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*3568	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*3573	Deleted from the IMGT database since the initial publication.
B*3574	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*3576	New Rare allele since the last publication, with no observed count.
B*3577	New Rare allele since the last publication, with no observed count.
B*3578	New Rare allele since the last publication, with no observed count.
B*3579	New Rare allele since the last publication, with no observed count.
B*3580	New Rare allele since the last publication, with no observed count.
B*3581	New Rare allele since the last publication, with no observed count.
B*3582	New Rare allele since the last publication, with no observed count.
B*3583	New Rare allele since the last publication, with no observed count.
B*3584	New Rare allele since the last publication, with no observed count.
B*3585	New Rare allele since the last publication, with no observed count.
B*3706	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*3710	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*3711	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*3713	New Rare allele since the last publication, with no observed count.
B*3811	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*3813	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*3817	New Rare allele since the last publication, with no observed count.
B*3936	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*3942	New Rare allele since the last publication, with no observed count.
B*3943	New Rare allele since the last publication, with no observed count.
B*4046	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*4063	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*4075	New Rare allele since the last publication, with no observed count.
B*4076	New Rare allele since the last publication, with no observed count.
B*4077	New Rare allele since the last publication, with no observed count.
B*4078	New Rare allele since the last publication, with no observed count.
B*4079	New Rare allele since the last publication, with no observed count.

HLA Rare Allele List Changes
Changes Occuring Between IMGT Releases 2.18.0 and 2.20.0

Allele	Reason for Change
B*4080	New Rare allele since the last publication, with no observed count.
B*4107	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*4206	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*4453	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*4454	New Rare allele since the last publication, with no observed count.
B*4455	New Rare allele since the last publication, with no observed count.
B*4456N	New Rare allele since the last publication, with no observed count.
B*4457	New Rare allele since the last publication, with no observed count.
B*4458N	New Rare allele since the last publication, with no observed count.
B*4459	New Rare allele since the last publication, with no observed count.
B*4611	New Rare allele with observed counts since the last publication.
B*4612	New Rare allele since the last publication, with no observed count.
B*4815	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*4817	New Rare allele since the last publication, with no observed count.
B*4818	New Rare allele since the last publication, with no observed count.
B*4819	New Rare allele since the last publication, with no observed count.
B*5137	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*5147	Deleted from the IMGT database since the initial publication.
B*5149	New Rare allele since the last publication, with no observed count.
B*5150	New Rare allele since the last publication, with no observed count.
B*5151	New Rare allele since the last publication, with no observed count.
B*5152	New Rare allele since the last publication, with no observed count.
B*5204	Moved off of the list due to additional observations.
B*5313	New Rare allele since the last publication, with no observed count.
B*5314	New Rare allele since the last publication, with no observed count.
B*5412	New Rare allele with observed counts since the last publication.
B*5413	New Rare allele since the last publication, with no observed count.
B*5527	New Rare allele since the last publication, with no observed count.
B*5528	New Rare allele since the last publication, with no observed count.
B*5529	New Rare allele since the last publication, with no observed count.
B*5609	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*5611	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*5621	New Rare allele since the last publication, with no observed count.
B*5707	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*5713	New Rare allele since the last publication, with no observed count.
B*5714	New Rare allele since the last publication, with no observed count.

HLA Rare Allele List Changes
Changes Occuring Between IMGT Releases 2.18.0 and 2.20.0

Allele	Reason for Change
B*5715	New Rare allele since the last publication, with no observed count.
B*5716	New Rare allele since the last publication, with no observed count.
B*5816	New Rare allele since the last publication, with no observed count.
B*8103	New Rare allele since the last publication, with no observed count.
B*9505	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*9508	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*9513	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*9523	Observed for the first time since the last publication. Moved from Zero to Rare category.
B*9530	Deleted from the IMGT database since the initial publication.
B*9531	New Rare allele since the last publication, with no observed count.
B*9532	New Rare allele with observed counts since the last publication.
B*9533	New Rare allele since the last publication, with no observed count.
B*9534	New Rare allele since the last publication, with no observed count.
B*9535	New Rare allele since the last publication, with no observed count.
B*9536	New Rare allele since the last publication, with no observed count.
B*9537	New Rare allele since the last publication, with no observed count.
B*9538	New Rare allele since the last publication, with no observed count.
B*9539	New Rare allele since the last publication, with no observed count.
Cw*0105	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*0106	Moved from common to the Rare category. Caused by an increase in total typings but no change in (or relatively fewer) observations of the allele.
Cw*0119	New Rare allele since the last publication, with no observed count.
Cw*0208	Moved off of the list due to additional observations.
Cw*0214	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*0215	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*0219	New Rare allele since the last publication, with no observed count.
Cw*0220	New Rare allele since the last publication, with no observed count.
Cw*0311	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*0317	Moved off of the list due to additional observations.
Cw*0328	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*0340	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*0341	New Rare allele since the last publication, with no observed count.
Cw*0342	New Rare allele since the last publication, with no observed count.
Cw*0343	New Rare allele since the last publication, with no observed count.
Cw*0344	New Rare allele since the last publication, with no observed count.
Cw*0345	New Rare allele since the last publication, with no observed count.
Cw*0346	New Rare allele since the last publication, with no observed count.

HLA Rare Allele List Changes
Changes Occuring Between IMGT Releases 2.18.0 and 2.20.0

Allele	Reason for Change
Cw*0347	New Rare allele since the last publication, with no observed count.
Cw*0421	Deleted from the IMGT database since the initial publication.
Cw*0428	New Rare allele since the last publication, with no observed count.
Cw*0429	New Rare allele since the last publication, with no observed count.
Cw*0430	New Rare allele since the last publication, with no observed count.
Cw*0431	New Rare allele since the last publication, with no observed count.
Cw*0517	New Rare allele since the last publication, with no observed count.
Cw*0714	Corrected since the last publication. Moved from Rare to Zero category.
Cw*0722	Moved from common to the Rare category. Caused by an increase in total typings but no change in (or relatively fewer) observations of the allele.
Cw*0729	Moved off of the list due to additional observations.
Cw*0734	Deleted from the IMGT database since the initial publication.
Cw*0749	New Rare allele since the last publication, with no observed count.
Cw*0750	New Rare allele since the last publication, with no observed count.
Cw*0751	New Rare allele since the last publication, with no observed count.
Cw*0752	New Rare allele since the last publication, with no observed count.
Cw*0753	New Rare allele since the last publication, with no observed count.
Cw*0815	New Rare allele since the last publication, with no observed count.
Cw*1409	New Rare allele since the last publication, with no observed count.
Cw*1514	Deleted from the IMGT database since the initial publication.
Cw*1515	Observed for the first time since the last publication. Moved from Zero to Rare category.
Cw*1521	New Rare allele since the last publication, with no observed count.
Cw*1610	New Rare allele since the last publication, with no observed count.
DRB1*0110	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*0116	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*0117	New Rare allele with observed counts since the last publication.
DRB1*0118	New Rare allele with observed counts since the last publication.
DRB1*0119	New Rare allele with observed counts since the last publication.
DRB1*0308	Moved from common to the Rare category. Caused by an increase in total typings but no change in (or relatively fewer) observations of the allele.
DRB1*0323	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*0329	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*0334	New Rare allele since the last publication, with no observed count.
DRB1*0336	New Rare allele since the last publication, with no observed count.
DRB1*0337	New Rare allele with observed counts since the last publication.
DRB1*0338	New Rare allele with observed counts since the last publication.
DRB1*0339	New Rare allele with observed counts since the last publication.
DRB1*0462	Observed for the first time since the last publication. Moved from Zero to Rare category.

HLA Rare Allele List Changes
Changes Occuring Between IMGT Releases 2.18.0 and 2.20.0

Allele	Reason for Change
DRB1*0465	New Rare allele since the last publication, with no observed count.
DRB1*0466	New Rare allele since the last publication, with no observed count.
DRB1*0467	New Rare allele since the last publication, with no observed count.
DRB1*0468	New Rare allele with observed counts since the last publication.
DRB1*0469	New Rare allele with observed counts since the last publication.
DRB1*0470	New Rare allele with observed counts since the last publication.
DRB1*0471	New Rare allele with observed counts since the last publication.
DRB1*0472	New Rare allele since the last publication, with no observed count.
DRB1*0473	New Rare allele since the last publication, with no observed count.
DRB1*0713	New Rare allele since the last publication, with no observed count.
DRB1*0714	New Rare allele since the last publication, with no observed count.
DRB1*0715	New Rare allele since the last publication, with no observed count.
DRB1*0833	New Rare allele since the last publication, with no observed count.
DRB1*0834	New Rare allele with observed counts since the last publication.
DRB1*1002	New Rare allele with observed counts since the last publication.
DRB1*1136	Moved from common to the Rare category. Caused by an increase in total typings but no change in (or relatively fewer) observations of the allele.
DRB1*1158	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*1161	New Rare allele since the last publication, with no observed count.
DRB1*1163	New Rare allele since the last publication, with no observed count.
DRB1*1164	New Rare allele since the last publication, with no observed count.
DRB1*1165	New Rare allele with observed counts since the last publication.
DRB1*1166	New Rare allele since the last publication, with no observed count.
DRB1*1167	New Rare allele since the last publication, with no observed count.
DRB1*1216	New Rare allele since the last publication, with no observed count.
DRB1*1313	Moved from common to the Rare category. Caused by an increase in total typings but no change in (or relatively fewer) observations of the allele.
DRB1*1377	New Rare allele since the last publication, with no observed count.
DRB1*1380	New Rare allele with observed counts since the last publication.
DRB1*1381	New Rare allele with observed counts since the last publication.
DRB1*1382	New Rare allele since the last publication, with no observed count.
DRB1*1433	Moved off of the list due to additional observations.
DRB1*1460	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*1461	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*1466	Deleted from the IMGT database since the initial publication.
DRB1*1467	New Rare allele since the last publication, with no observed count.
DRB1*1468	New Rare allele with observed counts since the last publication.
DRB1*1469	New Rare allele with observed counts since the last publication.

HLA Rare Allele List Changes
Changes Occuring Between IMGT Releases 2.18.0 and 2.20.0

Allele	Reason for Change
DRB1*1470	New Rare allele with observed counts since the last publication.
DRB1*1471	New Rare allele with observed counts since the last publication.
DRB1*1472	New Rare allele with observed counts since the last publication.
DRB1*1473	New Rare allele with observed counts since the last publication.
DRB1*1474	New Rare allele since the last publication, with no observed count.
DRB1*1475	New Rare allele since the last publication, with no observed count.
DRB1*1516	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*1520	Observed for the first time since the last publication. Moved from Zero to Rare category.
DRB1*1523	New Rare allele with observed counts since the last publication.
DRB1*1524	New Rare allele with observed counts since the last publication.
DRB1*1525	New Rare allele with observed counts since the last publication.
DRB1*1526	New Rare allele with observed counts since the last publication.
DRB1*1527	New Rare allele with observed counts since the last publication.
DRB1*1612	New Rare allele with observed counts since the last publication.
DRB1*1613N	New Rare allele since the last publication, with no observed count.