



Nomenclature for factors of the HLA system, update October, November, and December 2018

Steven GE Marsh (Professor, WHO Nomenclature Committee for Factors of the HLA System)^{1,2,3,*}

Anthony Nolan Research Institute, Royal Free Hospital, Pond Street, London NW3 2QG, United Kingdom

The following sequences have been submitted to the Nomenclature Committee since the September 2018 nomenclature update Marsh [24] and, following agreed policy, have been assigned official allele designations Marsh et al. [23]. Full details of all sequences will be published in a forthcoming report.

Below are listed the newly assigned sequences (Table 1) and confirmations of previously reported sequences (Table 2). The accession number of each sequence is given and these can be used to retrieve the sequence files from the EMBL, GenBank or DDBJ data libraries. Although accession numbers have been assigned by the data-libraries and

most sequences are already available, there is still the possibility that an author may not yet have allowed the sequence to be released; in such a case you will have to contact the submitting author directly. Additional information pertaining to new sequences is often included in the publications describing these alleles; a listing of recent publications that describe new HLA sequences is given in Table 3. An additional 664 Lazaro et al. [19] and 152 Voorter et al. [31] alleles were recently published but have not been included in Table 3 due to space considerations. In addition, after reviewing the recombination event which forms the alleles C*03:99:01 and C*03:99:02; they have been shown to

Table 1
New Sequences.

HLA Allele	Cell identification	Accession number	Submitting author
A*01:01:01:22	AN01033	LR027004	Steven GE Marsh, London, United Kingdom
A*01:01:01:23	DKMS-LSL-A-2199, DKMS-LSL-A-2154	LT971314, LT971269	DKMS Life Sciences Lab, Dresden, Germany
A*01:01:01:24	DKMS-LSL-A-2201	LT971316	DKMS Life Sciences Lab, Dresden, Germany
A*01:01:100	HG00018723	MK032357	Histogenetics, Ossining, USA
A*01:01:101	HG00018738	MK032373	Histogenetics, Ossining, USA
A*01:01:97	DKMS-LSL-A-2098	LT972137	DKMS Life Sciences Lab, Dresden, Germany
A*01:01:98	DKMS-LSL-A-2366	LT986532	DKMS Life Sciences Lab, Dresden, Germany
A*01:01:99	DKMS-LSL-A-2382	LT986548	DKMS Life Sciences Lab, Dresden, Germany
A*01:210:02	HG00018649	MK005610	Histogenetics, Ossining, USA
A*01:232:02	DKMS-LSL-A-2350	LT986516	DKMS Life Sciences Lab, Dresden, Germany
A*01:282	DKMS-LSL-A-2346	LT986512	DKMS Life Sciences Lab, Dresden, Germany
A*01:283	DKMS-LSL-A-2363	LT986529	DKMS Life Sciences Lab, Dresden, Germany
A*01:284	DKMS-LSL-A-2373	LT986539	DKMS Life Sciences Lab, Dresden, Germany
A*01:285N	HG00016374	MH183096	Histogenetics, Ossining, USA
A*01:286	DKMS-LSL-A-2847	LS973963	DKMS Life Sciences Lab, Dresden, Germany
A*01:287N	HG00017539	MH758809	Histogenetics, Ossining, USA
A*01:288	43683	MK089781	Maria Loginova, Kirov, Russia
A*01:289	LIT1680-17	MK069589	Mariarosa Battarra, Roma, Italy
A*01:290N	HG00016919	MH347583	Histogenetics, Ossining, USA
A*01:291	HG00018210	MH973855	Histogenetics, Ossining, USA
A*01:292	HG00018626	MK005586	Histogenetics, Ossining, USA

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* Corresponding author. Tel.: +44 20 7284 8321; fax: +44 20 7284 8331.

E-mail address: steven.marsh@ucl.ac.uk.

¹ web: hla.alleles.org

² www.anthonynolan.org/hig

³ www.ebi.ac.uk/ipd/imgt/hla

Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
A*01:293N	HG00018635	MK005595	Histogenetics, Ossining, USA
A*01:294	HG00018641	MK005602	Histogenetics, Ossining, USA
A*01:295	HG00019090	MK143561	Histogenetics, Ossining, USA
A*01:296	HG00019130	MK143601	Histogenetics, Ossining, USA
A*01:297	HG00019621	MK165891	Histogenetics, Ossining, USA
A*02:01:01:53	AN01037	LR027015	Steven GE Marsh, London, United Kingdom
A*02:01:01:54	AN01055	LR027058	Steven GE Marsh, London, United Kingdom
A*02:01:01:55	AN00778	LT963246	Steven GE Marsh, London, United Kingdom
A*02:01:01:153	G0525154611436	MH909755	Colin Brown, London, United Kingdom
A*02:01:154	G072415227596L	MH909767	Colin Brown, London, United Kingdom
A*02:01:155	HG00018722	MK032356	Histogenetics, Ossining, USA
A*02:01:156	7969	MK118157	Kelly Ingram, Winston-Salem, USA
A*02:01:157	R99_901316B	MH818565	Jonathan Downing, Perth, Australia
A*02:01:158	HG00018122	MH802068	Histogenetics, Ossining, USA
A*02:01:159	HG00018184	MH924851	Histogenetics, Ossining, USA
A*02:01:160	HG00019100	MK143571	Histogenetics, Ossining, USA
A*02:01:161	HG00019122	MK143593	Histogenetics, Ossining, USA
A*02:05:09	DKMS-LSL-A-2516	LS398211	DKMS Life Sciences Lab, Dresden, Germany
A*02:06:01:06	AN01039	LR027019	Steven GE Marsh, London, United Kingdom
A*02:06:26	AN01020	LR027057	Steven GE Marsh, London, United Kingdom
A*02:06:27	HG00019072	MK143543	Histogenetics, Ossining, USA
A*02:07:12	HG00018246	MH973893	Histogenetics, Ossining, USA
A*02:782	HG00014812	MG805382	Histogenetics, Ossining, USA
A*02:783	DKMS-LSL-A-2192	LT971307	DKMS Life Sciences Lab, Dresden, Germany
A*02:784	DKMS-LSL-A-2340	LT986506	DKMS Life Sciences Lab, Dresden, Germany
A*02:785	DKMS-LSL-A-2365	LT986531	DKMS Life Sciences Lab, Dresden, Germany
A*02:786	G052516417389S	MH909764	Colin Brown, London, United Kingdom
A*02:787	5781700464	MK005884	Faming Zhu, Hangzhou, China
A*02:788N	HG00015346	KX694128	Histogenetics, Ossining, USA
A*02:789N	HG00014412	MG756780	Histogenetics, Ossining, USA
A*02:790	AN01085	LR027048	Steven GE Marsh, London, United Kingdom
A*02:791N	HG00014759,	MG769697,	Histogenetics, Ossining, USA
	HG00014774,	MG769715,	
	HG00014798	MG805368	
A*02:792N	HG00014770	MG769711	Histogenetics, Ossining, USA
A*02:793N	HG00014773	MG769714	Histogenetics, Ossining, USA
A*02:794	AN01089	LR027059	Steven GE Marsh, London, United Kingdom
A*02:795	HG00015974	MH173457	Histogenetics, Ossining, USA
A*02:796N	HG00016363,	MH183085,	Histogenetics, Ossining, USA
	HG00016387,	MH183110,	
	HG00016382,	MH183105,	
	HG00017538	MH758808	
A*02:797N	HG00016422,	MH183114,	Histogenetics, Ossining, USA
	HG00016423	MH183121	
A*02:798	HG00018123,	MH802069,	Histogenetics, Ossining, USA
	HG00018737	MK032372	
A*02:799	HG00018704	MH824603	Histogenetics, Ossining, USA
A*02:800	HG00018870	MK058680	Histogenetics, Ossining, USA
A*02:801	JMDP01K0195	LC430875	Masahiro Satake, Tokyo, Japan
A*02:802	2018073003B	MK106382	Antonio Balas, Madrid, Spain
A*02:803N	DKMS-LSL-A-2198	LT971313	DKMS Life Sciences Lab, Dresden, Germany
A*02:804	DKMS-LSL-A-2157	LT971272	DKMS Life Sciences Lab, Dresden, Germany
A*02:805Q	HG00016358	MH183079	Histogenetics, Ossining, USA
A*02:806N	HG00016712	MH347587	Histogenetics, Ossining, USA
A*02:807N	HG00017271	MH721207	Histogenetics, Ossining, USA
A*02:808	HG00018165	MH802065	Histogenetics, Ossining, USA
A*02:809	HG00018175	MH913430	Histogenetics, Ossining, USA
A*02:810	HG00018185	MH924852	Histogenetics, Ossining, USA
A*02:811	HG00018207	MH924874	Histogenetics, Ossining, USA
A*02:812	HG00018230	MH973876	Histogenetics, Ossining, USA
A*02:813	HG00018258,	MH973906,	Histogenetics, Ossining, USA
	HG00018257	MH973905	
A*02:814	HG00018636	MK005597	Histogenetics, Ossining, USA
A*02:815	HG00018639	MK005600	Histogenetics, Ossining, USA
A*02:816	HG00019001	MK005596	Histogenetics, Ossining, USA
A*02:817	HG00019002	MK032377	Histogenetics, Ossining, USA
A*02:818	HG00019069	MK143540	Histogenetics, Ossining, USA
A*02:819	HG00019076,	MK143547,	Histogenetics, Ossining, USA
	HG00019092,	MK143563,	
	HG00019629	MK165901	
A*02:820	HG00019089	MK143560	Histogenetics, Ossining, USA
A*02:821	HG00019140	MK143612	Histogenetics, Ossining, USA
A*02:822	HG00019143	MK143615	Histogenetics, Ossining, USA
A*02:823	HG00019619	MK143606	Histogenetics, Ossining, USA
A*02:824	HG00019622	MK165892	Histogenetics, Ossining, USA

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
A*02:825	HG00019625	MK165895	Histogenetics, Ossining, USA
A*02:89:02	HG00019117	MK143588	Histogenetics, Ossining, USA
A*03:01:01:21	AN01031	LR027087	Steven GE Marsh, London, United Kingdom
A*03:01:01:22	AN01052	LR027049	Steven GE Marsh, London, United Kingdom
A*03:01:01:23	AN01075	LR027016	Steven GE Marsh, London, United Kingdom
A*03:01:01:24	DKMS-LSL-A-2095, DKMS-LSL-A-2152	LT972134, LT971267	DKMS Life Sciences Lab, Dresden, Germany
A*03:01:78	DKMS-LSL-A-2353	LT986519	DKMS Life Sciences Lab, Dresden, Germany
A*03:323N	DKMS-LSL-A-2123	LT972162	DKMS Life Sciences Lab, Dresden, Germany
A*03:324	DKMS-LSL-A-2097	LT972136	DKMS Life Sciences Lab, Dresden, Germany
A*03:325	DKMS-LSL-A-2093	LT972132	DKMS Life Sciences Lab, Dresden, Germany
A*03:326	DKMS-LSL-A-2343	LT986509	DKMS Life Sciences Lab, Dresden, Germany
A*03:327	DKMS-LSL-A-2517	LS398212	DKMS Life Sciences Lab, Dresden, Germany
A*03:328	DKMS-LSL-A-2511	LS398206	DKMS Life Sciences Lab, Dresden, Germany
A*03:329N	HG00014758	MG769696	Histogenetics, Ossining, USA
A*03:330N	HG00014755	MF422348	Histogenetics, Ossining, USA
A*03:331	HG00018171	MH824601	Histogenetics, Ossining, USA
A*03:332	HG00018705	MH913433	Histogenetics, Ossining, USA
A*03:333	HG00018715	MK032349	Histogenetics, Ossining, USA
A*03:334N	DKMS-LSL-A-2843, DKMS-LSL-A-2839	LS973959, LS973955	DKMS Life Sciences Lab, Dresden, Germany
A*11:01:01:15	2511-1	MH939274	Viktoria Zakharova, Moscow, Russia
A*11:307	DKMS-LSL-A-2364	LT986530	DKMS Life Sciences Lab, Dresden, Germany
A*11:308	DKMS-LSL-A-2510	LS398205	DKMS Life Sciences Lab, Dresden, Germany
A*11:309	AN01072	LR027008	Steven GE Marsh, London, United Kingdom
A*11:310N	HG00015489	MG930543	Histogenetics, Ossining, USA
A*11:311	MGM-11	MH587226	Vibhuti Rambani, Bangalore, India
A*11:312	DKMS-LSL-A-2133	LT972172	DKMS Life Sciences Lab, Dresden, Germany
A*23:01:26	DKMS-LSL-A-2349	LT986515	DKMS Life Sciences Lab, Dresden, Germany
A*23:17:01:03	HG00014766	MG769706	Histogenetics, Ossining, USA
A*24:02:01:18	DKMS-LSL-A-2355	LT986521	DKMS Life Sciences Lab, Dresden, Germany
A*24:02:01:19	DKMS-LSL-A-2379	LT986545	DKMS Life Sciences Lab, Dresden, Germany
A*24:02:01:20	AN00775	LT963242	Steven GE Marsh, London, United Kingdom
A*24:02:114	DKMS-LSL-A-2338	LT986504	DKMS Life Sciences Lab, Dresden, Germany
A*24:02:115	HG00018121	MH802067	Histogenetics, Ossining, USA
A*24:424	DKMS-LSL-A-2357	LT986523	DKMS Life Sciences Lab, Dresden, Germany
A*24:425N	DKMS-LSL-A-2385	LT986551	DKMS Life Sciences Lab, Dresden, Germany
A*24:426N	DKMS-LSL-A-2515	LS398210	DKMS Life Sciences Lab, Dresden, Germany
A*24:427N	HG00014779	MG769721	Histogenetics, Ossining, USA
A*24:428N	HG00014806	MG805376	Histogenetics, Ossining, USA
A*24:429N	HG00015477	MG930531	Histogenetics, Ossining, USA
A*24:430N	HG00016693	MH347566	Histogenetics, Ossining, USA
A*24:431	HG00018708	MH973914	Histogenetics, Ossining, USA
A*24:432	JMDP36K0261	LC430878	Masahiro Satake, Tokyo, Japan
A*24:433N	DKMS-LSL-A-2844	LS973960	DKMS Life Sciences Lab, Dresden, Germany
A*25:54	DKMS-LSL-A-2345	LT986511	DKMS Life Sciences Lab, Dresden, Germany
A*25:55	DKMS-LSL-A-2354	LT986520	DKMS Life Sciences Lab, Dresden, Germany
A*25:56	DKMS-LSL-A-2512	LS398207	DKMS Life Sciences Lab, Dresden, Germany
A*25:57	HG00018720	MK032354	Histogenetics, Ossining, USA
A*26:01:01:13	AN01083	LR027040	Steven GE Marsh, London, United Kingdom
A*26:01:52	DKMS-LSL-A-2359	LT986525	DKMS Life Sciences Lab, Dresden, Germany
A*26:01:53	HG00018731	MK032366	Histogenetics, Ossining, USA
A*26:01:54	HG00018732	MK032367	Histogenetics, Ossining, USA
A*26:08:02	DKMS-LSL-A-2336	LT986502	DKMS Life Sciences Lab, Dresden, Germany
A*26:08:03	HG00018712	MK032346	Histogenetics, Ossining, USA
A*26:169	DKMS-LSL-A-2105	LT972144	DKMS Life Sciences Lab, Dresden, Germany
A*26:170	DKMS-LSL-A-2362	LT986528	DKMS Life Sciences Lab, Dresden, Germany
A*26:171	DKMS-LSL-A-2384	LT986550	DKMS Life Sciences Lab, Dresden, Germany
A*26:172	DKMS-LSL-A-2375	LT986541	DKMS Life Sciences Lab, Dresden, Germany
A*26:173	DKMS-LSL-A-2378	LT986544	DKMS Life Sciences Lab, Dresden, Germany
A*26:174	5751800014	MK005886	Faming Zhu, Hangzhou, China
A*26:175	HG00018869	MK058679	Histogenetics, Ossining, USA
A*26:176	JMDP01K0197	LC430876	Masahiro Satake, Tokyo, Japan
A*26:177	JMDP01K0205	LC430877	Masahiro Satake, Tokyo, Japan
A*26:178	DKMS-LSL-A-2838	LS973954	DKMS Life Sciences Lab, Dresden, Germany
A*29:02:01:06	011804504782	MH156679	Ali Hajeer, Riyadh, Saudi Arabia
A*29:122	DKMS-LSL-A-2341	LT986507	DKMS Life Sciences Lab, Dresden, Germany
A*29:123	DKMS-LSL-A-2367	LT986533	DKMS Life Sciences Lab, Dresden, Germany
A*29:124	DKMS-LSL-A-2380	LT986546	DKMS Life Sciences Lab, Dresden, Germany
A*29:125	PT20160640	KY427030	Zhaoxia Lu, Jinan, China
A*29:126Q	HG00016670	MH347543	Histogenetics, Ossining, USA
A*29:127	HG00018713	MK032347	Histogenetics, Ossining, USA
A*29:128	85620	MK133252	Francisco de Paula Sanchez Gordo, Malaga, Spain
A*30:01:12	DKMS-LSL-A-2194	LT971309	DKMS Life Sciences Lab, Dresden, Germany
A*30:08:02	AN01096	LR027076	Steven GE Marsh, London, United Kingdom

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
A*30:143	DKMS-LSL-A-2170	LT971285	DKMS Life Sciences Lab, Dresden, Germany
A*30:144	HG00018717, HG00018721	MK032351, MK032355	Histogenetics, Ossining, USA
A*30:145N	DKMS-LSL-A-2834	LS973950	DKMS Life Sciences Lab, Dresden, Germany
A*31:01:30	DKMS-LSL-A-2126	LT972165	DKMS Life Sciences Lab, Dresden, Germany
A*31:01:31	DKMS-LSL-A-2374	LT986540	DKMS Life Sciences Lab, Dresden, Germany
A*31:01:32	DKMS-LSL-A-2370	LT986536	DKMS Life Sciences Lab, Dresden, Germany
A*31:01:33	AN01023	LR027066	Steven GE Marsh, London, United Kingdom
A*31:147	DKMS-LSL-A-2171	LT971286	DKMS Life Sciences Lab, Dresden, Germany
A*31:148	DKMS-LSL-A-2342	LT986508	DKMS Life Sciences Lab, Dresden, Germany
A*31:149N	HG00013988	MG701463	Histogenetics, Ossining, USA
A*32:01:33	HG00018707	MH924875	Histogenetics, Ossining, USA
A*32:119	DKMS-LSL-A-2356	LT986522	DKMS Life Sciences Lab, Dresden, Germany
A*32:120	HG00018742	MK032379	Histogenetics, Ossining, USA
A*32:121	7024	MK166022	Maria Loginova, Kirov, Russia
A*33:164	DKMS-LSL-A-2090	LT972129	DKMS Life Sciences Lab, Dresden, Germany
A*33:165	DKMS-LSL-A-2085	LT972124	DKMS Life Sciences Lab, Dresden, Germany
A*33:166	DKMS-LSL-A-2195	LT971310	DKMS Life Sciences Lab, Dresden, Germany
A*33:167	DKMS-LSL-A-2334	LT986500	DKMS Life Sciences Lab, Dresden, Germany
A*33:168	DKMS-LSL-A-2371	LT986537	DKMS Life Sciences Lab, Dresden, Germany
A*33:169	AN01025	LR027070	Steven GE Marsh, London, United Kingdom
A*33:170	4225005	MK170185	Jonathan Visentin, Bordeaux, France
A*34:02:01:02	DKMS-LSL-A-2099	LT972138	DKMS Life Sciences Lab, Dresden, Germany
A*34:20	DKMS-LSL-A-2344	LT986510	DKMS Life Sciences Lab, Dresden, Germany
A*34:21	DKMS-LSL-A-2351	LT986517	DKMS Life Sciences Lab, Dresden, Germany
A*66:32	DKMS-LSL-A-2335	LT986501	DKMS Life Sciences Lab, Dresden, Germany
A*68:01:42	LA0096	MH845221	Bowen Liu, Shandong, China
A*68:01:43	HG00018729	MK032364	Histogenetics, Ossining, USA
A*68:02:01:05	AN01051	LR027047	Steven GE Marsh, London, United Kingdom
A*68:02:13	DKMS-LSL-A-2180	LT971295	DKMS Life Sciences Lab, Dresden, Germany
A*68:192	DKMS-LSL-A-2196	LT971311	DKMS Life Sciences Lab, Dresden, Germany
A*68:193	DKMS-LSL-A-2197	LT971312	DKMS Life Sciences Lab, Dresden, Germany
A*68:194	DKMS-LSL-A-2150	LT971265	DKMS Life Sciences Lab, Dresden, Germany
A*68:195	DKMS-LSL-A-2186	LT971301	DKMS Life Sciences Lab, Dresden, Germany
A*68:196	DKMS-LSL-A-2164	LT971279	DKMS Life Sciences Lab, Dresden, Germany
A*68:197	DKMS-LSL-A-2381	LT986547	DKMS Life Sciences Lab, Dresden, Germany
A*68:198	AN00954	LR027041	Steven GE Marsh, London, United Kingdom
A*68:199N	HG00014753	MF422346	Histogenetics, Ossining, USA
A*68:200	DKMS-LSL-A-2339	LT986505	DKMS Life Sciences Lab, Dresden, Germany
A*68:201	G072416324221D	MH909773	Colin Brown, London, United Kingdom
A*68:202	DKMS-LSL-A-2179	LT971294	DKMS Life Sciences Lab, Dresden, Germany
A*68:203N	DKMS-LSL-A-2155	LT971270	DKMS Life Sciences Lab, Dresden, Germany
A*68:204	DKMS-LSL-A-2337	LT986503	DKMS Life Sciences Lab, Dresden, Germany
A*68:205N	DKMS-LSL-A-2514	LS398209	DKMS Life Sciences Lab, Dresden, Germany
A*69:05	DKMS-LSL-A-2100	LT972139	DKMS Life Sciences Lab, Dresden, Germany
A*74:01:01:02	HG00013981, HG00014403	MG701456, MG756770	Histogenetics, Ossining, USA
A*74:01:01:03	HG00018711	MK032345	Histogenetics, Ossining, USA
A*74:01:01:04	HG00018248	MH973895	Histogenetics, Ossining, USA
A*74:33	HG00016454	MH249128	Histogenetics, Ossining, USA
A*74:34	G052516358643Q	MH909770	Colin Brown, London, United Kingdom
B*07:02:01:12	AN01046	LR027035	Steven GE Marsh, London, United Kingdom
B*07:02:01:13	DKMS-LSL-B-3175	LS999335	DKMS Life Sciences Lab, Dresden, Germany
B*07:02:01:14	DKMS-LSL-B-3201	LS999363	DKMS Life Sciences Lab, Dresden, Germany
B*07:02:67	HG00016720	MH249135	Histogenetics, Ossining, USA
B*07:02:68	HG00017307	MH477549	Histogenetics, Ossining, USA
B*07:02:69	HG00017578	MH758950	Histogenetics, Ossining, USA
B*07:02:70	DKMS-LSL-B-3128	LS999281	DKMS Life Sciences Lab, Dresden, Germany
B*07:02:71	DKMS-LSL-B-3192	LS999354	DKMS Life Sciences Lab, Dresden, Germany
B*07:02:72	HG00019152, HG00019180	MK143625, MK143653	Histogenetics, Ossining, USA
B*07:02:73	FRFLI15949	LR131169	Vincent Elsermans, Lille cedex, France
B*07:07:02	DKMS-LSL-B-2549	LS398632	DKMS Life Sciences Lab, Dresden, Germany
B*07:303:02	DKMS-LSL-B-3157	LS999315	DKMS Life Sciences Lab, Dresden, Germany
B*07:336	DKMS-LSL-B-2765	LS480808	DKMS Life Sciences Lab, Dresden, Germany
B*07:337	DKMS-LSL-B-2774	LS480817	DKMS Life Sciences Lab, Dresden, Germany
B*07:338	HG00016735	MH347598	Histogenetics, Ossining, USA
B*07:339	HG00016740	MH347603	Histogenetics, Ossining, USA
B*07:340	HG00017317	MH721248	Histogenetics, Ossining, USA
B*07:341	HG00017326	MH721257	Histogenetics, Ossining, USA
B*07:342	HG00017347	MH721280	Histogenetics, Ossining, USA
B*07:343N	HG00014868, HG00016024	MG805393, MH173336	Histogenetics, Ossining, USA
B*07:344	DKMS-LSL-B-3082	LS999229	DKMS Life Sciences Lab, Dresden, Germany
B*07:345	DKMS-LSL-B-3122	LS999274	DKMS Life Sciences Lab, Dresden, Germany

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
B*07:346	DKMS-LSL-B-3195	LS999357	DKMS Life Sciences Lab, Dresden, Germany
B*07:347	DKMS-LSL-B-3203	LS999366	DKMS Life Sciences Lab, Dresden, Germany
B*07:348	DKMS-LSL-B-3223	LS999391	DKMS Life Sciences Lab, Dresden, Germany
B*07:349	HG00018759	MK032322	Histogenetics, Ossining, USA
B*07:350	DKMS-LSL-B-2241	LT968817	DKMS Life Sciences Lab, Dresden, Germany
B*07:350	HG00018294	MH913442	Histogenetics, Ossining, USA
B*07:351N	DKMS-LSL-B-2797	LS480840	DKMS Life Sciences Lab, Dresden, Germany
B*07:352	HG00017566	MH758938	Histogenetics, Ossining, USA
B*07:353	HG00018275	MH802086	Histogenetics, Ossining, USA
B*07:354	HG00018316	MH924896	Histogenetics, Ossining, USA
B*07:355	HG00019187	MK143660	Histogenetics, Ossining, USA
B*07:356	HG00019210	MK143685	Histogenetics, Ossining, USA
B*07:357	HG00019212	MK143687	Histogenetics, Ossining, USA
B*07:358	HG00019633	MK058663	Histogenetics, Ossining, USA
B*08:01:01:12	AN01038	LR027017	Steven GE Marsh, London, United Kingdom
B*08:01:01:13	AN01048	LR027039	Steven GE Marsh, London, United Kingdom
B*08:01:01:14	AN00765	LT963233	Steven GE Marsh, London, United Kingdom
B*08:01:46	HG00017339	MH721271	Histogenetics, Ossining, USA
B*08:01:47	DKMS-LSL-B-3162	LS999321	DKMS Life Sciences Lab, Dresden, Germany
B*08:01:48	DKMS-LSL-B-3213	LS999378	DKMS Life Sciences Lab, Dresden, Germany
B*08:209	DKMS-LSL-B-2781	LS480824	DKMS Life Sciences Lab, Dresden, Germany
B*08:210	DKMS-LSL-B-2784	LS480827	DKMS Life Sciences Lab, Dresden, Germany
B*08:211	DKMS-LSL-B-2807	LS480850	DKMS Life Sciences Lab, Dresden, Germany
B*08:212	DKMS-LSL-B-2802	LS480845	DKMS Life Sciences Lab, Dresden, Germany
B*08:213	DKMS-LSL-B-2803	LS480846	DKMS Life Sciences Lab, Dresden, Germany
B*08:214N	HG00015532	MG930586	Histogenetics, Ossining, USA
B*08:215N	HG00016399	MH183072	Histogenetics, Ossining, USA
B*08:216	DKMS-LSL-B-3079	LS999226	DKMS Life Sciences Lab, Dresden, Germany
B*08:217	DKMS-LSL-B-3090	LS999238	DKMS Life Sciences Lab, Dresden, Germany
B*08:218	DKMS-LSL-B-3150	LS999306	DKMS Life Sciences Lab, Dresden, Germany
B*08:219	HG00018128	MH802076	Histogenetics, Ossining, USA
B*08:220N	HG00018307	MH924887	Histogenetics, Ossining, USA
B*08:221	UA2017tp3205	MK182292	Mats Bengtsson, Uppsala, Sweden
B*08:222	HG00019165	MK143638	Histogenetics, Ossining, USA
B*08:223	HG00019181	MK143654	Histogenetics, Ossining, USA
B*08:224	2018-1792	MK211488	Mauro Castagnetta, Genova, Italy
B*13:02:25	DKMS-LSL-B-3125	LS999278	DKMS Life Sciences Lab, Dresden, Germany
B*13:02:26	DKMS-LSL-B-3170	LS999330	DKMS Life Sciences Lab, Dresden, Germany
B*13:02:27	HG00018762	MK032325	Histogenetics, Ossining, USA
B*13:02:28	HG00018299	MH924879	Histogenetics, Ossining, USA
B*13:124	HG00017584	MH758956	Histogenetics, Ossining, USA
B*13:125	2397-1	MH939275	Viktoria Zakharova, Moscow, Russia
B*13:126	DKMS-LSL-B-3121	LS999273	DKMS Life Sciences Lab, Dresden, Germany
B*13:127	BY01606	MK085763	Carolyn K Hurley, Washington DC, USA
B*13:128	DKMS-LSL-B-3164	LS999323	DKMS Life Sciences Lab, Dresden, Germany
B*13:129	HG00018131	MH802082	Histogenetics, Ossining, USA
B*13:130	HG00018776	MK032340	Histogenetics, Ossining, USA
B*14:02:18	HG00017309	MH477551	Histogenetics, Ossining, USA
B*14:02:19	18218180	MK029343	Daniel Fuerst, Ulm, Germany
B*14:02:20	HG00019634	MK143681	Histogenetics, Ossining, USA
B*14:02:21	HG00019647	MK165875	Histogenetics, Ossining, USA
B*14:67	G072416285789B	MH909775	Colin Brown, London, United Kingdom
B*14:68	DKMS-LSL-B-3080	LS999227	DKMS Life Sciences Lab, Dresden, Germany
B*15:01:01:19	DKMS-LSL-B-2786	LS480829	DKMS Life Sciences Lab, Dresden, Germany
B*15:01:01:20	AN01040	LR027021	Steven GE Marsh, London, United Kingdom
B*15:01:53	DKMS-LSL-B-2754	LS480797	DKMS Life Sciences Lab, Dresden, Germany
B*15:01:54	DKMS-LSL-B-2806	LS480849	DKMS Life Sciences Lab, Dresden, Germany
B*15:01:55	DKMS-LSL-B-3136	LS999290	DKMS Life Sciences Lab, Dresden, Germany
B*15:12:02	HN-08533-2	FJ875674	Histogenetics, Ossining, USA
B*15:160:01:02	DKMS-LSL-B-3073	LS999219	DKMS Life Sciences Lab, Dresden, Germany
B*15:18:01:05	DKMS-LSL-B-3076	LS999223	DKMS Life Sciences Lab, Dresden, Germany
B*15:220:01:02	HG00016733	MH347596	Histogenetics, Ossining, USA
B*15:251:03	DKMS-LSL-B-2527	LS398610	DKMS Life Sciences Lab, Dresden, Germany
B*15:25:04	HG00018130	MH802081	Histogenetics, Ossining, USA
B*15:477	DKMS-LSL-B-2762	LS480805	DKMS Life Sciences Lab, Dresden, Germany
B*15:478	DKMS-LSL-B-2764	LS480807	DKMS Life Sciences Lab, Dresden, Germany
B*15:479	HG00016476	MH215832	Histogenetics, Ossining, USA
B*15:480	HG00016719	MH249134	Histogenetics, Ossining, USA
B*15:481	HG00016732	MH347595	Histogenetics, Ossining, USA
B*15:482	HG00017332	MH721264	Histogenetics, Ossining, USA
	HG00017579	MH758951	
B*15:483N	HG00017337	MH721269	Histogenetics, Ossining, USA
B*15:484	HG00017577	MH758949	Histogenetics, Ossining, USA
B*15:485	JMDP36K0225	LC422638	Masahiro Satake, Tokyo, Japan
B*15:486	JMDP36K0314	LC424940	Masahiro Satake, Tokyo, Japan

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
B*15:487N	HG00014632, HG00014633	MG769744, MG769745	Histogenetics, Ossining, USA
B*15:488	DKMS-LSL-B-3163	LS999322	DKMS Life Sciences Lab, Dresden, Germany
B*15:489	DKMS-LSL-B-3167	LS999326	DKMS Life Sciences Lab, Dresden, Germany
B*15:490	DKMS-LSL-B-3175	LS999336	DKMS Life Sciences Lab, Dresden, Germany
B*15:491	DKMS-LSL-B-3178	LS999339	DKMS Life Sciences Lab, Dresden, Germany
B*15:492	DKMS-LSL-B-3199	LS999361	DKMS Life Sciences Lab, Dresden, Germany
B*15:493	DKMS-LSL-B-3221	LS999389	DKMS Life Sciences Lab, Dresden, Germany
B*15:494	HG00018764	MK032327	Histogenetics, Ossining, USA
B*15:495	HG00018767	MK032330	Histogenetics, Ossining, USA
B*15:496N	HG00018777	MK032341	Histogenetics, Ossining, USA
B*15:497	HG00014860	MG805385	Histogenetics, Ossining, USA
B*15:498	DKMS-LSL-B-2234	LT968810	DKMS Life Sciences Lab, Dresden, Germany
B*18:01:01:17	011804503928	MH536740	Ali Hajeer, Riyadh, Saudi Arabia
B*18:01:01:18	AN00781	LT963249	Steven GE Marsh, London, United Kingdom
B*18:01:01:19	DKMS-LSL-B-3116	LS999266	DKMS Life Sciences Lab, Dresden, Germany
B*18:156:01:02	DKMS-LSL-B-3173	LS999333	DKMS Life Sciences Lab, Dresden, Germany
B*18:159	HG00016742, HG00016748	MH347605, MH347611	Histogenetics, Ossining, USA
B*18:160	G0735161923022	MH909754	Colin Brown, London, United Kingdom
B*18:161	FRFLI17639	LR131287	Vincent Elsermans, Lille cedex, France
B*27:02:05	DKMS-LSL-B-3078	LS999225	DKMS Life Sciences Lab, Dresden, Germany
B*27:05:02:09	DKMS-LSL-B-3111	LS999260	DKMS Life Sciences Lab, Dresden, Germany
B*27:05:02:10	DKMS-LSL-B-3168	LS999327	DKMS Life Sciences Lab, Dresden, Germany
B*27:05:37	HG00016729	MH294674	Histogenetics, Ossining, USA
B*27:183	MGM-13	MH587228	Vibhuti Rambani, Bangalore, India
B*27:184	AN01024	LR027067	Steven GE Marsh, London, United Kingdom
B*27:185	DKMS-LSL-B-2776	LS480819	DKMS Life Sciences Lab, Dresden, Germany
B*27:186	DKMS-LSL-B-3094	LS999215	DKMS Life Sciences Lab, Dresden, Germany
B*27:187	DKMS-LSL-B-3129	LS999282	DKMS Life Sciences Lab, Dresden, Germany
B*27:188	DKMS-LSL-B-3209	LS999372	DKMS Life Sciences Lab, Dresden, Germany
B*35:01:01:16	021803701064	MH536742	Ali Hajeer, Riyadh, Saudi Arabia
B*35:01:01:17	AN00937	LR027027	Steven GE Marsh, London, United Kingdom
B*35:01:01:18	AN01081	LR027033	Steven GE Marsh, London, United Kingdom
B*35:01:55	HG00017316	MH721247	Histogenetics, Ossining, USA
B*35:02:12	DKMS-LSL-B-3133	LS999286	DKMS Life Sciences Lab, Dresden, Germany
B*35:208:02	HG00017005	MH477548	Histogenetics, Ossining, USA
B*35:22:01:02	NT02090	MG986065	Carolyn K Hurley, Washington DC, USA
B*35:397	DKMS-LSL-B-2769	LS480812	DKMS Life Sciences Lab, Dresden, Germany
B*35:398	HG00016725, HG00016726	MH294670, MH294671	Histogenetics, Ossining, USA
B*35:399	HG00016744	MH347607	Histogenetics, Ossining, USA
B*35:400	HG00017321	MH721252	Histogenetics, Ossining, USA
B*35:401	HG00017345	MH721277	Histogenetics, Ossining, USA
B*35:402	HG00017559	MH721286	Histogenetics, Ossining, USA
B*35:403	LIGH105058	MH999904	Maria da Graca Bicalho, Curitiba, Brazil
B*35:404	JMDP01K0202	LC422404	Masahiro Satake, Tokyo, Japan
B*35:405	JMDP36K0243	LC422639	Masahiro Satake, Tokyo, Japan
B*35:406	DKMS-LSL-B-3085	LS999232	DKMS Life Sciences Lab, Dresden, Germany
B*35:407	DKMS-LSL-B-3108	LS999257	DKMS Life Sciences Lab, Dresden, Germany
B*35:408	DKMS-LSL-B-3185, DKMS-LSL-B-3189	LS999346, LS999350	DKMS Life Sciences Lab, Dresden, Germany
B*35:409	DKMS-LSL-B-3191	LS999353	DKMS Life Sciences Lab, Dresden, Germany
B*35:410	DKMS-LSL-B-3202	LS999365	DKMS Life Sciences Lab, Dresden, Germany
B*35:411	HG00018747	MH824596	Histogenetics, Ossining, USA
B*35:412	HG00018753	MK005614	Histogenetics, Ossining, USA
B*35:413	80330	MK158083	Francisco de Paula Sanchez Gordo, Malaga, Spain
B*37:01:15	DKMS-LSL-B-3123	LS999276	DKMS Life Sciences Lab, Dresden, Germany
B*37:77	HG00016724	MH294669	Histogenetics, Ossining, USA
B*37:78	HG00017334	MH721266	Histogenetics, Ossining, USA
B*37:79N	HG00016347	MH183073	Histogenetics, Ossining, USA
B*37:80	HG00017341	MH721273	Histogenetics, Ossining, USA
B*38:01:14	DKMS-LSL-B-3207	LS999370	DKMS Life Sciences Lab, Dresden, Germany
B*38:01:15	HG00018745	MH802087	Histogenetics, Ossining, USA
B*38:80N	HG00014432	MG756801	Histogenetics, Ossining, USA
B*38:81	DKMS-LSL-B-3152	LS999309	DKMS Life Sciences Lab, Dresden, Germany
B*38:82	29760	MK049074	Kelly Ingram, Winston-Salem, USA
B*39:01:25	DKMS-LSL-B-3160, DKMS-LSL-B-3117	LS999318, LS999268	DKMS Life Sciences Lab, Dresden, Germany
B*39:01:26	DKMS-LSL-B-3210	LS999374	DKMS Life Sciences Lab, Dresden, Germany
B*39:142N	HG00014877	MG805402	Histogenetics, Ossining, USA
B*39:143	DKMS-LSL-B-3201	LS999364	DKMS Life Sciences Lab, Dresden, Germany
B*40:01:59	HG00017575	MH758947	Histogenetics, Ossining, USA
B*40:01:60	HG00018765	MK032328	Histogenetics, Ossining, USA
B*40:02:01:08	DKMS-LSL-B-3161	LS999319	DKMS Life Sciences Lab, Dresden, Germany

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
B*40:02:26	HG00018775	MK032339	Histogenetics, Ossining, USA
B*40:04:02	MGM-10	MH587225	Vibhuti Rambani, Bangalore, India
B*40:06:17	HG00017329, HG00017336	MH721261, MH721268	Histogenetics, Ossining, USA
B*40:06:18	HG00018769	MK032332	Histogenetics, Ossining, USA
B*40:125:02	DKMS-LSL-B-3088	LS999235	DKMS Life Sciences Lab, Dresden, Germany
B*40:401	DKMS-LSL-B-2768	LS480811	DKMS Life Sciences Lab, Dresden, Germany
B*40:402	DKMS-LSL-B-2763	LS480806	DKMS Life Sciences Lab, Dresden, Germany
B*40:403	DKMS-LSL-B-2772	LS480815	DKMS Life Sciences Lab, Dresden, Germany
B*40:404	HG00017571	MH758943	Histogenetics, Ossining, USA
B*40:405	0435697	MH795880	So-jung Choi, Seoul, South Korea
B*40:406	BST1358652	MH883320	Francesc Rudilla, Barcelona, Spain
B*40:407	AN01028	LR027079	Steven GE Marsh, London, United Kingdom
B*40:408	HG00016473	MH215829	Histogenetics, Ossining, USA
B*40:409	HG00016638	MH215839	Histogenetics, Ossining, USA
B*40:410	DKMS-LSL-B-2556	LS398639	DKMS Life Sciences Lab, Dresden, Germany
B*40:411	HG00017324	MH721255	Histogenetics, Ossining, USA
B*40:412	HG00017568	MH758940	Histogenetics, Ossining, USA
B*40:413	HG00018660	MK005624	Histogenetics, Ossining, USA
B*40:414	HG00018773	MK032336	Histogenetics, Ossining, USA
B*44:02:01:14	AN01032	LR027001	Steven GE Marsh, London, United Kingdom
B*44:02:01:15	AN01034	LR027007	Steven GE Marsh, London, United Kingdom
B*44:02:01:16	DKMS-LSL-B-2257	LT968833	DKMS Life Sciences Lab, Dresden, Germany
B*44:02:01:17	AN00743	LT963219	Steven GE Marsh, London, United Kingdom
B*44:02:01:18	AN00816	LT963273	Steven GE Marsh, London, United Kingdom
B*44:02:01:19	DKMS-LSL-B-2546	LS398629	DKMS Life Sciences Lab, Dresden, Germany
B*44:02:01:20	DKMS-LSL-B-3122	LS999275	DKMS Life Sciences Lab, Dresden, Germany
B*44:02:55	HG00016078	MH173393	Histogenetics, Ossining, USA
B*44:02:56	HG00016746	MH347609	Histogenetics, Ossining, USA
B*44:02:57	DKMS-LSL-B-3138	LS999292	DKMS Life Sciences Lab, Dresden, Germany
B*44:02:58	HG00018751	MH913446	Histogenetics, Ossining, USA
B*44:03:01:14	AN01056	LR027061	Steven GE Marsh, London, United Kingdom
B*44:03:01:15	AN01080	LR027031	Steven GE Marsh, London, United Kingdom
B*44:03:01:16	DKMS-LSL-B-3190	LS999352	DKMS Life Sciences Lab, Dresden, Germany
B*44:03:45	JMDP36K0257	LC422761	Masahiro Satake, Tokyo, Japan
B*44:03:46	HG00016051	MH173365	Histogenetics, Ossining, USA
B*44:03:47	DKMS-LSL-B-2586	LS398669	DKMS Life Sciences Lab, Dresden, Germany
B*44:03:48	DKMS-LSL-B-2571	LS398654	DKMS Life Sciences Lab, Dresden, Germany
B*44:203:02	781-15	LN864490	Florian Emmerich, Freiburg, Germany
B*44:270:02	HG00016045, HG00016076	MH173359, MH173391	Histogenetics, Ossining, USA
B*44:298	G092316130966M	MH909756	Colin Brown, London, United Kingdom
B*44:299	JMDP36K0285	LC424453	Masahiro Satake, Tokyo, Japan
B*44:300	JMDP36K0318	LC424941	Masahiro Satake, Tokyo, Japan
B*44:301	AN01067	LR027088	Steven GE Marsh, London, United Kingdom
B*44:302	HG00014073	MG701493	Histogenetics, Ossining, USA
B*44:303N	HG00014847	MG769764	Histogenetics, Ossining, USA
B*44:304	HG00014859	MG805384	Histogenetics, Ossining, USA
B*44:305	HG00014869	MG805394	Histogenetics, Ossining, USA
B*44:306N	HG00015438	MG769761	Histogenetics, Ossining, USA
B*44:307	DKMS-LSL-B-2219	LT968796	DKMS Life Sciences Lab, Dresden, Germany
B*44:308	DKMS-LSL-B-2235	LT968811	DKMS Life Sciences Lab, Dresden, Germany
B*44:309N	HG00016023	MH173335	Histogenetics, Ossining, USA
B*44:310N	HG00016031, HG00016080	MH173344, MH173395	Histogenetics, Ossining, USA
B*44:311	HG00016034	MH173347	Histogenetics, Ossining, USA
B*44:312	HG00016038	MH173351	Histogenetics, Ossining, USA
B*44:313	HG00016046	MH173360	Histogenetics, Ossining, USA
B*44:314N	HG00016403	MH183077	Histogenetics, Ossining, USA
B*44:315	HG00016458	MH215814	Histogenetics, Ossining, USA
B*44:316	DKMS-LSL-B-2541	LS398624	DKMS Life Sciences Lab, Dresden, Germany
B*44:317	DKMS-LSL-B-2529	LS398612	DKMS Life Sciences Lab, Dresden, Germany
B*44:318	DKMS-LSL-B-2773	LS480816	DKMS Life Sciences Lab, Dresden, Germany
B*44:319	HG00016723	MH294668	Histogenetics, Ossining, USA
B*44:320	HG00016727	MH294672	Histogenetics, Ossining, USA
B*44:321	HG00016736	MH347599	Histogenetics, Ossining, USA
B*44:322	HG00017261	MH595792	Histogenetics, Ossining, USA
B*44:323	HG00017310	MH477552	Histogenetics, Ossining, USA
B*44:324	HG00017335	MH721267	Histogenetics, Ossining, USA
B*44:325	HG00017576	MH758948	Histogenetics, Ossining, USA
B*44:326	HG00017592	MH758964	Histogenetics, Ossining, USA
B*44:327	DKMS-LSL-B-3097	LS999245	DKMS Life Sciences Lab, Dresden, Germany
B*44:328N	DKMS-LSL-B-3149	LS999305	DKMS Life Sciences Lab, Dresden, Germany
B*44:329	DKMS-LSL-B-3161	LS999320	DKMS Life Sciences Lab, Dresden, Germany
B*44:330	DKMS-LSL-B-3186	LS999347	DKMS Life Sciences Lab, Dresden, Germany

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
B*44:331	DKMS-LSL-B-3197	LS999359	DKMS Life Sciences Lab, Dresden, Germany
B*44:332	DKMS-LSL-B-3217	LS999384	DKMS Life Sciences Lab, Dresden, Germany
B*44:333N	HG00018746	MH802088	Histogenetics, Ossining, USA
B*45:01:01:02	G0724187143957	MH909752	Colin Brown, London, United Kingdom
B*45:01:05	DKMS-LSL-B-2760	LS480803	DKMS Life Sciences Lab, Dresden, Germany
B*45:24	AN01077	LR027024	Steven GE Marsh, London, United Kingdom
B*46:75	JMDP36K0245	LC422640	Masahiro Satake, Tokyo, Japan
B*48:48	JMDP36K0312	LC424454	Masahiro Satake, Tokyo, Japan
B*49:01:01:04	021804401529	MH536739	Ali Hajeer, Riyadh, Saudi Arabia
B*50:60	DKMS-LSL-B-3074	LS999220	DKMS Life Sciences Lab, Dresden, Germany
B*50:61	DKMS-LSL-B-3111	LS999261	DKMS Life Sciences Lab, Dresden, Germany
B*51:01:01:30	DKMS-LSL-B-2767	LS480810	DKMS Life Sciences Lab, Dresden, Germany
B*51:01:01:31	45429	LT972204	Marcel GJ Tilanus, Maastricht, The Netherlands
B*51:01:01:32	AN00709	LT963194	Steven GE Marsh, London, United Kingdom
B*51:01:67	HG00017318	MH721249	Histogenetics, Ossining, USA
B*51:01:68	DKMS-LSL-B-3086	LS999233	DKMS Life Sciences Lab, Dresden, Germany
B*51:01:69	DKMS-LSL-B-3112	LS999262	DKMS Life Sciences Lab, Dresden, Germany
B*51:01:70	DKMS-LSL-B-3222	LS999390	DKMS Life Sciences Lab, Dresden, Germany
B*51:08:03	HG00017581	MH758953	Histogenetics, Ossining, USA
B*51:204:02	DKMS-LSL-B-2759	LS480802	DKMS Life Sciences Lab, Dresden, Germany
B*51:230:01:02	UA2018tp2187	MH756749	Mats Bengtsson, Uppsala, Sweden
B*51:256N	HG00014117, HG00014067, HG00014840, HG00014425, HG00014438	MG724847, MG756794, MG756807, MG769750, MG701487	Histogenetics, Ossining, USA
B*51:257	DKMS-LSL-B-2796	LS480839	DKMS Life Sciences Lab, Dresden, Germany
B*51:258	HG00016722	MH294667	Histogenetics, Ossining, USA
B*51:259	HG00017325	MH721256	Histogenetics, Ossining, USA
B*51:260	HG00017328	MH721260	Histogenetics, Ossining, USA
B*51:261	JMDP01K0170	LC420151	Masahiro Satake, Tokyo, Japan
B*51:262	G052516111690A	MH909774	Colin Brown, London, United Kingdom
B*51:263	2016_6359	MH294525	Mauro Castagnetta, Genova, Italy
B*51:264N	HG00016041	MH173354	Histogenetics, Ossining, USA
B*51:265	DKMS-LSL-B-3212	LS999377	DKMS Life Sciences Lab, Dresden, Germany
B*51:266	DKMS-LSL-B-3220	LS999388	DKMS Life Sciences Lab, Dresden, Germany
B*51:267	81190347	MK070903	Daniel Fuerst, Ulm, Germany
B*52:01:35	HG00017558	MH721285	Histogenetics, Ossining, USA
B*52:01:36	HG00017573	MH758945	Histogenetics, Ossining, USA
B*52:14:02	JMDP01K0207, JMDP01K0180	LC422637, LC421934	Masahiro Satake, Tokyo, Japan
B*52:83	013206	MH910096	Lia Mele, Alessandria, Italy
B*52:84	HG00018871	MK058664	Histogenetics, Ossining, USA
B*53:53	DKMS-LSL-B-2778	LS480821	DKMS Life Sciences Lab, Dresden, Germany
B*55:96	JMDP36K0280	LC424452	Masahiro Satake, Tokyo, Japan
B*55:97N	HG00016079	MH173394	Histogenetics, Ossining, USA
B*56:01:15	DKMS-LSL-B-3118	LS999270	DKMS Life Sciences Lab, Dresden, Germany
B*56:63	HG00017260	MH595791	Histogenetics, Ossining, USA
B*56:64	JMDP36K0262	LC424939	Masahiro Satake, Tokyo, Japan
B*57:01:01:04	AN00634	LR027006	Steven GE Marsh, London, United Kingdom
B*57:111	HG00017313	MH670731	Histogenetics, Ossining, USA
B*57:112	HG00017319	MH721250	Histogenetics, Ossining, USA
B*57:113	DKMS-LSL-B-3095	LS999243	DKMS Life Sciences Lab, Dresden, Germany
B*57:114	DKMS-LSL-B-3155	LS999313	DKMS Life Sciences Lab, Dresden, Germany
B*58:01:30	HG00018752	MH913448	Histogenetics, Ossining, USA
B*58:01:31	HG00018755	MK005631	Histogenetics, Ossining, USA
B*58:100	61267	MK158084	Francisco de Paula Sanchez Gordo, Malaga, Spain
B*58:98	HG00016730	MH294675	Histogenetics, Ossining, USA
B*58:99	HG00017582	MH758954	Histogenetics, Ossining, USA
B*81:01:03	HG00018760	MK032323	Histogenetics, Ossining, USA
C*01:02:30:02	HG00019238	MK143721	Histogenetics, Ossining, USA
C*01:02:49	HG00017385, HG00017386	MH721307, MH721308	Histogenetics, Ossining, USA
C*01:02:50	DKMS-LSL-C-2999	LS992385	DKMS Life Sciences Lab, Dresden, Germany
C*01:02:51	DKMS-LSL-C-3065	LS992452	DKMS Life Sciences Lab, Dresden, Germany
C*01:02:52	HG00018796	MK032395	Histogenetics, Ossining, USA
C*01:02:53	HG00018138	MH802097	Histogenetics, Ossining, USA
C*01:02:54	HG00018515	MH974062	Histogenetics, Ossining, USA
C*01:02:55	HG00018525, HG00018534	MH974072, MH974082	Histogenetics, Ossining, USA
C*01:167	HG00017265	MH595789	Histogenetics, Ossining, USA
C*01:168	DKMS-LSL-C-2943	LS992325	DKMS Life Sciences Lab, Dresden, Germany
C*01:169:01	JMDP36K090	AB573006	Kenji Tadokoro, Tokyo, Japan
C*01:169:01	JMDP01K102	LC203535	Masahiro Satake, Tokyo, Japan
C*01:169:01	JRC-D03395	LC314767	Masahiro Satake, Tokyo, Japan

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
C*01:169:02	DKMS-LSL-C-949	LN999637	DKMS Life Sciences Lab, Dresden, Germany
C*01:170	HG00018405	MH824614	Histogenetics, Ossining, USA
C*01:171N	HG00017594	MH721310	Histogenetics, Ossining, USA
C*01:172	HG00018437	MH924925	Histogenetics, Ossining, USA
C*01:173	HG00018445	MH924933	Histogenetics, Ossining, USA
C*01:174	HG00018450	MH924938	Histogenetics, Ossining, USA
C*01:175	HG00018484	MH974030	Histogenetics, Ossining, USA
C*01:176	HG00018551	MH974099	Histogenetics, Ossining, USA
C*02:02:02:18	DKMS-LSL-C-3002	LS992388	DKMS Life Sciences Lab, Dresden, Germany
C*02:02:02:19	DKMS-LSL-C-3051	LS992436	DKMS Life Sciences Lab, Dresden, Germany
C*02:02:02:20	AN01045	LR027032	Steven GE Marsh, London, United Kingdom
C*02:02:47	DKMS-LSL-C-2930	LS992311	DKMS Life Sciences Lab, Dresden, Germany
C*02:02:48	AN01061	LR027073	Steven GE Marsh, London, United Kingdom
C*02:02:49	HG00018463	MH924951	Histogenetics, Ossining, USA
C*02:02:50	HG00018540	MH974088	Histogenetics, Ossining, USA
C*02:02:51	HG00019233	MK143716	Histogenetics, Ossining, USA
C*02:02:52	HG00019253	MK143737	Histogenetics, Ossining, USA
C*02:10:01:07	DKMS-LSL-C-3049	LS992434	DKMS Life Sciences Lab, Dresden, Germany
C*02:157	HG00017359	MH704662	Histogenetics, Ossining, USA
C*02:158	HG00017616	MH758988	Histogenetics, Ossining, USA
C*02:159	DKMS-LSL-C-2990	LS992376	DKMS Life Sciences Lab, Dresden, Germany
C*02:160	DKMS-LSL-C-3029	LS992415	DKMS Life Sciences Lab, Dresden, Germany
C*02:161	DKMS-LSL-C-3032	LS992418	DKMS Life Sciences Lab, Dresden, Germany
C*02:162	DKMS-LSL-C-3038	LS992423	DKMS Life Sciences Lab, Dresden, Germany
C*02:163	29	MK116533	Maria Loginova, Kirov, Russia
C*02:164	DKMS-LSL-C-2957	LS992339	DKMS Life Sciences Lab, Dresden, Germany
C*02:165N	DKMS-LSL-C-3045	LS992430	DKMS Life Sciences Lab, Dresden, Germany
C*02:166	HG00018465	MH924953	Histogenetics, Ossining, USA
C*02:38:02N	HG00017600	MH721319	Histogenetics, Ossining, USA
C*03:02:20	DKMS-LSL-C-2037	LT966358	DKMS Life Sciences Lab, Dresden, Germany
C*03:02:21	DKMS-LSL-C-2038	LT966359	DKMS Life Sciences Lab, Dresden, Germany
C*03:02:22	DKMS-LSL-C-2997	LS992383	DKMS Life Sciences Lab, Dresden, Germany
C*03:03:01:14	DKMS-LSL-C-2682	LS453214	DKMS Life Sciences Lab, Dresden, Germany
C*03:03:49	HG00017615	MH758987	Histogenetics, Ossining, USA
C*03:03:50	DKMS-LSL-C-2966	LS992348	DKMS Life Sciences Lab, Dresden, Germany
C*03:03:51	DKMS-LSL-C-2982	LS992368	DKMS Life Sciences Lab, Dresden, Germany
C*03:03:52	HG00018679,	MK005655,	Histogenetics, Ossining, USA
	HG00018793	MK032392	
C*03:03:53	HG00019231,	MK143714,	Histogenetics, Ossining, USA
	HG00019262	MK143746	
C*03:04:01:11	DKMS-LSL-C-3020	LS992406	DKMS Life Sciences Lab, Dresden, Germany
C*03:04:01:12	FK94340	KU319227	Konstantinos Barsakis, Palo Alto, USA
C*03:04:01:13	AN01083	LR027043	Steven GE Marsh, London, United Kingdom
C*03:04:68	HG00017367	MH704671	Histogenetics, Ossining, USA
C*03:04:69	DKMS-LSL-C-2981	LS992367	DKMS Life Sciences Lab, Dresden, Germany
C*03:04:70	DKMS-LSL-C-3019	LS992405	DKMS Life Sciences Lab, Dresden, Germany
C*03:04:71	AN01095	LR027074	Steven GE Marsh, London, United Kingdom
C*03:04:72	HG00018454,	MH924942,	Histogenetics, Ossining, USA
	HG00018543	MH974091	
C*03:04:73	HG00018507	MH974054	Histogenetics, Ossining, USA
C*03:07:01:02	BST014	MH142313	Francesc Rudilla, Barcelona, Spain
C*03:115:02	HG00018876	MK058644	Histogenetics, Ossining, USA
C*03:263:03	DKMS-LSL-C-2972	LS992356	DKMS Life Sciences Lab, Dresden, Germany
C*03:26:02	HG00017613	MH758985	Histogenetics, Ossining, USA
C*03:35:02:02	DKMS-LSL-C-2929,	LS992310,	DKMS Life Sciences Lab, Dresden, Germany
	DKMS-LSL-C-2937	LS992319	
C*03:428	DKMS-LSL-C-2725	LS453257	DKMS Life Sciences Lab, Dresden, Germany
C*03:429	DKMS-LSL-C-2723	LS453255	DKMS Life Sciences Lab, Dresden, Germany
C*03:430	DKMS-LSL-C-2731	LS453263	DKMS Life Sciences Lab, Dresden, Germany
C*03:431	HG00017387,	MH721309,	Histogenetics, Ossining, USA
	HG00017629,	MH759002,	
	HG00017630	MH759003	
C*03:431	DKMS-LSL-C-2985	LS992371	DKMS Life Sciences Lab, Dresden, Germany
C*03:432N	HG00017593	MH721296	Histogenetics, Ossining, USA
C*03:433	HG00017595	MH721313	Histogenetics, Ossining, USA
C*03:434	DKMS-LSL-C-2919	LS992300	DKMS Life Sciences Lab, Dresden, Germany
C*03:435	DKMS-LSL-C-2992	LS992378	DKMS Life Sciences Lab, Dresden, Germany
C*03:436	DKMS-LSL-C-2993	LS992379	DKMS Life Sciences Lab, Dresden, Germany
C*03:437	DKMS-LSL-C-3033	LS992419	DKMS Life Sciences Lab, Dresden, Germany
C*03:438	DKMS-LSL-C-3042	LS992427	DKMS Life Sciences Lab, Dresden, Germany
C*03:439	DKMS-LSL-C-3055	LS992441	DKMS Life Sciences Lab, Dresden, Germany
C*03:440	DKMS-LSL-C-2950	LS992459	DKMS Life Sciences Lab, Dresden, Germany
C*03:441	G072414342097S	MH909759	Colin Brown, London, United Kingdom
C*03:442Q	HG00016169	MH173576	Histogenetics, Ossining, USA
C*03:443	63604	MK158082	Francisco de Paula Sanchez Gordo, Malaga, Spain

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
C*03:444N	DKMS-LSL-C-1922	LT966279	DKMS Life Sciences Lab, Dresden, Germany
C*03:445N	DKMS-LSL-C-1931	LT966288	DKMS Life Sciences Lab, Dresden, Germany
C*03:446N	HG00014943	MG769826	Histogenetics, Ossining, USA
C*03:447N	HG00017610	MH758982	Histogenetics, Ossining, USA
C*03:448Q	DKMS-LSL-C-3035, DKMS-LSL-C-2947	LS992458, LS992460	DKMS Life Sciences Lab, Dresden, Germany
C*03:448Q	HG00018416, HG00016407	MH913456, MH183064	Histogenetics, Ossining, USA
C*03:449N	HG00017618	MH758990	Histogenetics, Ossining, USA
C*03:450	HG00018136	MH802093	Histogenetics, Ossining, USA
C*03:451	HG00018413	MH913453	Histogenetics, Ossining, USA
C*03:452	HG00018427	MH924915	Histogenetics, Ossining, USA
C*03:453	HG00018447	MH924935	Histogenetics, Ossining, USA
C*03:454	HG00018448	MH924936	Histogenetics, Ossining, USA
C*03:455	HG00018483	MH974029	Histogenetics, Ossining, USA
C*03:456	HG00018527	MH974074	Histogenetics, Ossining, USA
C*03:457	HG00018665	MK005638	Histogenetics, Ossining, USA
C*03:458	HG00018672	MK005646	Histogenetics, Ossining, USA
C*03:459	HG00019226	MK143709	Histogenetics, Ossining, USA
C*03:460	HG00019228	MK143711	Histogenetics, Ossining, USA
C*04:01:01:27	DKMS-LSL-C-2709	LS453241	DKMS Life Sciences Lab, Dresden, Germany
C*04:01:01:27	DKMS-LSL-C-3070	LS992457	DKMS Life Sciences Lab, Dresden, Germany
C*04:01:01:28	DKMS-LSL-C-2976	LS992360	DKMS Life Sciences Lab, Dresden, Germany
C*04:01:01:29	DKMS-LSL-C-3069, DKMS-LSL-C-2949	LS992456, LS992331	DKMS Life Sciences Lab, Dresden, Germany
C*04:01:01:31	011733002687	MH281957	Ali Hajeer, Riyadh, Saudi Arabia
C*04:01:01:32	AN01076	LR027022	Steven GE Marsh, London, United Kingdom
C*04:01:01:33	DKMS-LSL-C-2960	LS992342	DKMS Life Sciences Lab, Dresden, Germany
C*04:01:104	HG00016120	MH173526	Histogenetics, Ossining, USA
C*04:01:105	DKMS-LSL-C-2733	LS453265	DKMS Life Sciences Lab, Dresden, Germany
C*04:01:106	IM-18-633	MH534947	Lorenza Fenici, Rome, Italy
C*04:01:107	DKMS-LSL-C-2961	LS992343	DKMS Life Sciences Lab, Dresden, Germany
C*04:01:108	HG00018466	MH974012	Histogenetics, Ossining, USA
C*04:01:109	HG00018475	MH974021	Histogenetics, Ossining, USA
C*04:01:110	HG00018497	MH974044	Histogenetics, Ossining, USA
C*04:01:111	HG00018500	MH974047	Histogenetics, Ossining, USA
C*04:01:112	HG00018674	MK005648	Histogenetics, Ossining, USA
C*04:01:113	HG00019254	MK143738	Histogenetics, Ossining, USA
C*04:03:01:02	DKMS-LSL-C-2054	LT966375	DKMS Life Sciences Lab, Dresden, Germany
C*04:166:02	DKMS-LSL-C-2737	LS453269	DKMS Life Sciences Lab, Dresden, Germany
C*04:313:01:02	DKMS-LSL-C-2941	LS992323	DKMS Life Sciences Lab, Dresden, Germany
C*04:335	HG00017015	MH477563	Histogenetics, Ossining, USA
C*04:336	HG00017358	MH704661	Histogenetics, Ossining, USA
C*04:337	HG00017377	MH721299	Histogenetics, Ossining, USA
C*04:338	HG00017609	MH758981	Histogenetics, Ossining, USA
C*04:339:01	HG00017621	MH758993	Histogenetics, Ossining, USA
C*04:339:02	HG00018410	MH913450	Histogenetics, Ossining, USA
C*04:340	DKMS-LSL-C-2971, DKMS-LSL-C-3062	LS992354, LS992448	DKMS Life Sciences Lab, Dresden, Germany
C*04:341	DKMS-LSL-C-2975	LS992359	DKMS Life Sciences Lab, Dresden, Germany
C*04:342	DKMS-LSL-C-2977	LS992362	DKMS Life Sciences Lab, Dresden, Germany
C*04:343	DKMS-LSL-C-3007	LS992393	DKMS Life Sciences Lab, Dresden, Germany
C*04:344	DKMS-LSL-C-3031	LS992417	DKMS Life Sciences Lab, Dresden, Germany
C*04:345	DKMS-LSL-C-3040	LS992425	DKMS Life Sciences Lab, Dresden, Germany
C*04:346	DKMS-LSL-C-3057	LS992443	DKMS Life Sciences Lab, Dresden, Germany
C*04:347	AN01027	LR027077	Steven GE Marsh, London, United Kingdom
C*04:348	43718	MK040465	Maria Loginova, Kirov, Russia
C*04:349N	DKMS-LSL-C-2828	LS973970	DKMS Life Sciences Lab, Dresden, Germany
C*04:350N	HG00017369	MH721290	Histogenetics, Ossining, USA
C*04:351	DKMS-LSL-C-2988	LS992374	DKMS Life Sciences Lab, Dresden, Germany
C*04:352	HG00018141	MH802101	Histogenetics, Ossining, USA
C*04:353	HG00018548	MH974096	Histogenetics, Ossining, USA
C*04:354	HG00018550	MH974098	Histogenetics, Ossining, USA
C*04:355	HG00018683	MK005659	Histogenetics, Ossining, USA
C*04:356	HG00019227	MK143710	Histogenetics, Ossining, USA
C*04:357	HG00019286	MK143770	Histogenetics, Ossining, USA
C*04:358	HG00019617	MK143772	Histogenetics, Ossining, USA
C*04:359	2018-2785	MK211487	Mauro Castagnetta, Genova, Italy
C*05:01:01:16	AN00781	LT963250	Steven GE Marsh, London, United Kingdom
C*05:01:44	HG00017605	MH758977	Histogenetics, Ossining, USA
C*05:01:45	HG00018420	MH913460	Histogenetics, Ossining, USA
C*05:171:01:02	DKMS-LSL-C-2996	LS992382	DKMS Life Sciences Lab, Dresden, Germany
C*05:18:05	DKMS-LSL-C-3066	LS992453	DKMS Life Sciences Lab, Dresden, Germany
C*05:191	HG00017355	MH651443	Histogenetics, Ossining, USA
C*05:192	HG00017380	MH721302	Histogenetics, Ossining, USA

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
C*05:193	HG00017612	MH758984	Histogenetics, Ossining, USA
C*05:194	DKMS-LSL-C-2942	LS992324	DKMS Life Sciences Lab, Dresden, Germany
C*05:195	DKMS-LSL-C-2954	LS992336	DKMS Life Sciences Lab, Dresden, Germany
C*05:196	DKMS-LSL-C-2962	LS992344	DKMS Life Sciences Lab, Dresden, Germany
C*05:197	DKMS-LSL-C-2987	LS992373	DKMS Life Sciences Lab, Dresden, Germany
C*05:198	DKMS-LSL-C-3012	LS992398	DKMS Life Sciences Lab, Dresden, Germany
C*05:199	60816054	MH998152	Antonio Balas, Madrid, Spain
C*05:200	HG00014492	MG756867	Histogenetics, Ossining, USA
C*05:201	DKMS-LSL-C-2034	LT966355	DKMS Life Sciences Lab, Dresden, Germany
C*05:202Q	HG00014608	MG756866	Histogenetics, Ossining, USA
C*05:203	60815127	MK250968	Antonio Balas, Madrid, Spain
C*05:58:04	DKMS-LSL-C-2916	LS992297	DKMS Life Sciences Lab, Dresden, Germany
C*06:02:01:16	DKMS-LSL-C-2932	LS992313	DKMS Life Sciences Lab, Dresden, Germany
C*06:02:01:17	AN01082	LR027038	Steven GE Marsh, London, United Kingdom
C*06:02:70	DKMS-LSL-C-2915	LS992296	DKMS Life Sciences Lab, Dresden, Germany
C*06:02:71	DKMS-LSL-C-3056	LS992442	DKMS Life Sciences Lab, Dresden, Germany
C*06:171:01:02N	DKMS-LSL-C-2952	LS992334	DKMS Life Sciences Lab, Dresden, Germany
C*06:244	HG00016171, HG00016172	MH173578, MH173579	Histogenetics, Ossining, USA
C*06:245	HG00017368	MH721289	Histogenetics, Ossining, USA
C*06:246	HG00017635	MH759008	Histogenetics, Ossining, USA
C*06:247	DKMS-LSL-C-2923	LS992304	DKMS Life Sciences Lab, Dresden, Germany
C*06:248	DKMS-LSL-C-2931	LS992312	DKMS Life Sciences Lab, Dresden, Germany
C*06:249	DKMS-LSL-C-2986	LS992372	DKMS Life Sciences Lab, Dresden, Germany
C*06:250	HG00018794	MK032393	Histogenetics, Ossining, USA
C*06:251	HG00018799	MK032398	Histogenetics, Ossining, USA
C*07:01:71	HG00015845	MG930617	Histogenetics, Ossining, USA
C*07:01:72	HG00016103	MH173509	Histogenetics, Ossining, USA
C*07:01:73	DKMS-LSL-C-2735	LS453267	DKMS Life Sciences Lab, Dresden, Germany
C*07:01:74	NT02200	MH814709	Carolyn K Hurley, Washington DC, USA
C*07:01:75	HG00017617	MH758989	Histogenetics, Ossining, USA
C*07:01:76	DKMS-LSL-C-3048	LS992433	DKMS Life Sciences Lab, Dresden, Germany
C*07:01:77	AN01022	LR027063	Steven GE Marsh, London, United Kingdom
C*07:02:01:32	AN01036	LR027012	Steven GE Marsh, London, United Kingdom
C*07:02:01:33	AN01049	LR027042	Steven GE Marsh, London, United Kingdom
C*07:02:01:34	AN01075	LR027018	Steven GE Marsh, London, United Kingdom
C*07:02:01:35	AN00899	LT963288	Steven GE Marsh, London, United Kingdom
C*07:02:01:36	AN00902	LT963291	Steven GE Marsh, London, United Kingdom
C*07:02:104:01	HG00017391	MH721320	Histogenetics, Ossining, USA
C*07:02:104:02	DKMS-LSL-C-2989	LS992375	DKMS Life Sciences Lab, Dresden, Germany
C*07:04:17	DKMS-LSL-C-3024	LS992410	DKMS Life Sciences Lab, Dresden, Germany
C*07:04:18	HG00018784	MK005664	Histogenetics, Ossining, USA
C*07:133:02	DKMS-LSL-C-2720	LS453252	DKMS Life Sciences Lab, Dresden, Germany
C*07:18:01:03	HG00015542	MG930596	Histogenetics, Ossining, USA
C*07:18:03	HG00017598, HG00017599	MH721317, MH721318	Histogenetics, Ossining, USA
C*07:558:01:02	DKMS-LSL-C-2907	LS992288	DKMS Life Sciences Lab, Dresden, Germany
C*07:682:01:02	HG00018456	MH924944	Histogenetics, Ossining, USA
C*07:682:02	HG00016101	MH173507	Histogenetics, Ossining, USA
C*07:702N	HG00017362	MH704666	Histogenetics, Ossining, USA
C*07:703	HG00017383	MH721305	Histogenetics, Ossining, USA
C*07:704	HG00017619, HG00017628	MH758991, MH759001	Histogenetics, Ossining, USA
C*07:705	HG00017620	MH758992	Histogenetics, Ossining, USA
C*07:706	HG00017627	MH759000	Histogenetics, Ossining, USA
C*07:707	HG00017631, HG00017632	MH759004, MH759005	Histogenetics, Ossining, USA
C*07:708	4122878	MH795127	Jonathan Visentin, Bordeaux, France
C*07:709	DKMS-LSL-C-2918	LS992299	DKMS Life Sciences Lab, Dresden, Germany
C*07:710	DKMS-LSL-C-2938	LS992320	DKMS Life Sciences Lab, Dresden, Germany
C*07:711	DKMS-LSL-C-2958	LS992340	DKMS Life Sciences Lab, Dresden, Germany
C*07:712	DKMS-LSL-C-2983	LS992369	DKMS Life Sciences Lab, Dresden, Germany
C*07:713	DKMS-LSL-C-2991	LS992377	DKMS Life Sciences Lab, Dresden, Germany
C*07:714	DKMS-LSL-C-3000	LS992386	DKMS Life Sciences Lab, Dresden, Germany
C*07:715	DKMS-LSL-C-3001	LS992387	DKMS Life Sciences Lab, Dresden, Germany
C*07:716	DKMS-LSL-C-3010	LS992396	DKMS Life Sciences Lab, Dresden, Germany
C*07:717	DKMS-LSL-C-3021	LS992407	DKMS Life Sciences Lab, Dresden, Germany
C*07:718	DKMS-LSL-C-3022	LS992408	DKMS Life Sciences Lab, Dresden, Germany
C*07:719	DKMS-LSL-C-3058	LS992444	DKMS Life Sciences Lab, Dresden, Germany
C*07:720	AN01068	LR027002	Steven GE Marsh, London, United Kingdom
C*07:721	HG00017384	MH721306	Histogenetics, Ossining, USA
C*07:722	HG00018455	MH924943	Histogenetics, Ossining, USA
C*07:723	BY00727	HQ127362	Carolyn K Hurley, Washington DC, USA
C*07:724	FA2522	LR130150	Vincent Elsermans, Lille cedex, France
C*08:01:25	HG00017382	MH721304	Histogenetics, Ossining, USA

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
C*08:01:26	HG00017603	MH758975	Histogenetics, Ossining, USA
C*08:02:01:04	AN00718	LT963201	Steven GE Marsh, London, United Kingdom
C*08:02:23	HG00018805	MK032404	Histogenetics, Ossining, USA
C*08:174	HG00017606	MH758978	Histogenetics, Ossining, USA
C*08:175	HG00018783	MH924958	Histogenetics, Ossining, USA
C*08:176	HG00018798	MK032397	Histogenetics, Ossining, USA
C*08:177	HG00018806	MK032405	Histogenetics, Ossining, USA
C*08:178	R50828	LR130186	Edward KL Yang, Hualien, Taiwan
C*12:02:24	DKMS-LSL-C-2959	LS992341	DKMS Life Sciences Lab, Dresden, Germany
C*12:02:25	HG00018800	MK032399	Histogenetics, Ossining, USA
C*12:03:53	DKMS-LSL-C-3005	LS992391	DKMS Life Sciences Lab, Dresden, Germany
C*12:03:54	DKMS-LSL-C-3023	LS992409	DKMS Life Sciences Lab, Dresden, Germany
C*12:03:55	81188440	MK029344	Daniel Fuerst, Ulm, Germany
C*12:258	DKMS-LSL-C-2021	LT966342	DKMS Life Sciences Lab, Dresden, Germany
C*12:259	HG00016098	MH173504	Histogenetics, Ossining, USA
C*12:260	DKMS-LSL-C-2734	LS453266	DKMS Life Sciences Lab, Dresden, Germany
C*12:261	HG00017623, HG00017626	MH758995, MH758999	Histogenetics, Ossining, USA
C*12:262	UA2018tp2438	MH795413	Mats Bengtsson, Uppsala, Sweden
C*12:263	DKMS-LSL-C-2940	LS992322	DKMS Life Sciences Lab, Dresden, Germany
C*12:264	DKMS-LSL-C-2946, DKMS-LSL-C-2945	LS992329, LS992328	DKMS Life Sciences Lab, Dresden, Germany
C*12:265	DKMS-LSL-C-2956	LS992338	DKMS Life Sciences Lab, Dresden, Germany
C*12:266	DKMS-LSL-C-3008	LS992394	DKMS Life Sciences Lab, Dresden, Germany
C*12:267	DKMS-LSL-C-3011	LS992397	DKMS Life Sciences Lab, Dresden, Germany
C*14:02:01:09	DKMS-LSL-C-2998	LS992384	DKMS Life Sciences Lab, Dresden, Germany
C*14:101	HG00017251	MH401282	Histogenetics, Ossining, USA
C*14:102	HG00017374	MH721295	Histogenetics, Ossining, USA
C*14:103	DKMS-LSL-C-3052	LS992437	DKMS Life Sciences Lab, Dresden, Germany
C*14:104	DKMS-LSL-C-3067	LS992454	DKMS Life Sciences Lab, Dresden, Germany
C*15:02:34	DKMS-LSL-C-1974	LT966176	DKMS Life Sciences Lab, Dresden, Germany
C*15:02:35	HG00014916	MG769792	Histogenetics, Ossining, USA
C*15:02:36	DKMS-LSL-C-2423, DKMS-LSL-C-3054	LT990011, LS992440	DKMS Life Sciences Lab, Dresden, Germany
C*15:02:37	HG00016492	MH215848	Histogenetics, Ossining, USA
C*15:02:38	HG00016496	MH215852	Histogenetics, Ossining, USA
C*15:02:39	HG00017372	MH721293	Histogenetics, Ossining, USA
C*15:02:40	DKMS-LSL-C-3039	LS992424	DKMS Life Sciences Lab, Dresden, Germany
C*15:05:02:02	GEE018	LN999856	Steven GE Marsh, London, United Kingdom
C*15:05:15	HG00017357	MH670735	Histogenetics, Ossining, USA
C*15:08:02	HG00013894	MG701531	Histogenetics, Ossining, USA
C*15:08:02	DKMS-LSL-C-3004	LS992390	DKMS Life Sciences Lab, Dresden, Germany
C*15:10:04	60815906	MH836615	Antonio Balas, Madrid, Spain
C*15:168	HG00016958	MH401276	Histogenetics, Ossining, USA
C*15:169	DKMS-LSL-C-3009	LS992395	DKMS Life Sciences Lab, Dresden, Germany
C*15:170	DKMS-LSL-C-2061	LT966382	DKMS Life Sciences Lab, Dresden, Germany
C*15:171	DKMS-LSL-C-2070	LT966391	DKMS Life Sciences Lab, Dresden, Germany
C*15:172	HG00014946	MG805404	Histogenetics, Ossining, USA
C*15:173	DKMS-LSL-C-1784	LT964785	DKMS Life Sciences Lab, Dresden, Germany
C*15:174	DKMS-LSL-C-1808, DKMS-LSL-C-2011	LT964809, LT966332	DKMS Life Sciences Lab, Dresden, Germany
C*15:175	HG00015566	MG930623	Histogenetics, Ossining, USA
C*15:176	MGM-7	MH191365	Vibhuti Rambani, Bangalore, India
C*15:177N	HG00016410, HG00016411, HG00016412	MH183067, MH183068, MH183069	Histogenetics, Ossining, USA
C*15:178	DKMS-LSL-C-2671	LS453203	DKMS Life Sciences Lab, Dresden, Germany
C*15:179	HG00017596	MH721315	Histogenetics, Ossining, USA
C*15:180	DKMS-LSL-C-3006	LS992392	DKMS Life Sciences Lab, Dresden, Germany
C*15:181	DKMS-LSL-C-3018	LS992404	DKMS Life Sciences Lab, Dresden, Germany
C*15:182	DKMS-LSL-C-3025	LS992411	DKMS Life Sciences Lab, Dresden, Germany
C*15:183	HG00018801	MK032400	Histogenetics, Ossining, USA
C*16:01:32	HG00017633	MH759006	Histogenetics, Ossining, USA
C*16:142	HG00015929	MH049640	Histogenetics, Ossining, USA
C*16:143	DKMS-LSL-C-2721, DKMS-LSL-C-2697	LS453253LS453229	DKMS Life Sciences Lab, Dresden, Germany
C*16:144	HG00017607	MH758979	Histogenetics, Ossining, USA
C*16:145	DKMS-LSL-C-3014	LS992400	DKMS Life Sciences Lab, Dresden, Germany
C*16:146	AN01065	LR027083	Steven GE Marsh, London, United Kingdom
C*18:02:03	HG00018803	MK032402	Histogenetics, Ossining, USA
C*18:12	HG00018788	MK032387	Histogenetics, Ossining, USA
F*01:01:01:17	DUR	MH458412	Julie di Cristofaro, Marseille, France
F*01:01:01:18	ABO	MH458413	Julie di Cristofaro, Marseille, France
F*01:01:01:19	KHO	MH458414	Julie di Cristofaro, Marseille, France
F*01:01:02:09	DIC	MH458415	Julie di Cristofaro, Marseille, France

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
F*01:01:02:10	TRA	MH458418	Julie di Cristofaro, Marseille, France
F*01:01:02:11	DIA	MH458417	Julie di Cristofaro, Marseille, France
F*01:03:01:04	AYT	MH458420	Julie di Cristofaro, Marseille, France
DRB1*01:02:01:02	LWAGS	LT992006	Steven GE Marsh, London, United Kingdom
DRB1*01:03:04	HG00019578	MK143929	Histogenetics, Ossining, USA
DRB1*01:92	HG00016309	MH173597	Histogenetics, Ossining, USA
DRB1*01:93	HG00017472	MH670741	Histogenetics, Ossining, USA
DRB1*01:94	HG00018010, HG00018028	MH779084, MH779105	Histogenetics, Ossining, USA
DRB1*01:95	HG00018026	MH779101	Histogenetics, Ossining, USA
DRB1*01:96	HG00019509	MK143849	Histogenetics, Ossining, USA
DRB1*01:97	HG00019534	MK143877	Histogenetics, Ossining, USA
DRB1*01:98	HG00019547	MK143891	Histogenetics, Ossining, USA
DRB1*01:99	60800917	MK224841	Antonio Balas, Madrid, Spain
DRB1*03:149	HG00016336	MH173634	Histogenetics, Ossining, USA
DRB1*03:150	HG00016599	MH215901	Histogenetics, Ossining, USA
DRB1*03:151	HG00017994	MH758843	Histogenetics, Ossining, USA
DRB1*03:152	HG00018044	MH779123	Histogenetics, Ossining, USA
DRB1*03:153	HG00018052	MH779132	Histogenetics, Ossining, USA
DRB1*03:154	HG00018061, HG00018066, HG00018069	MH779143, MH779150, MH779153	Histogenetics, Ossining, USA
DRB1*03:155	HG00013925	MG701577	Histogenetics, Ossining, USA
DRB1*03:156N	HG00016318	MH173610	Histogenetics, Ossining, USA
DRB1*03:157	HG00017980	MH721336	Histogenetics, Ossining, USA
DRB1*03:158	HG00018841	MH924910	Histogenetics, Ossining, USA
DRB1*04:01:21	HG00017484	MH721333	Histogenetics, Ossining, USA
DRB1*04:02:06	HG00019477	MK143814	Histogenetics, Ossining, USA
DRB1*04:03:15	HG00019497	MK143836	Histogenetics, Ossining, USA
DRB1*04:04:14	HG00016317	MH173608	Histogenetics, Ossining, USA
DRB1*04:04:15	HG00018016	MH779090	Histogenetics, Ossining, USA
DRB1*04:05:20	HG00019699	MK165903	Histogenetics, Ossining, USA
DRB1*04:06:07	HG00019525	MK143867	Histogenetics, Ossining, USA
DRB1*04:258	HG00016321	MH173613	Histogenetics, Ossining, USA
DRB1*04:259	HG00016577	MH215875	Histogenetics, Ossining, USA
DRB1*04:260	HG00016594	MH215893	Histogenetics, Ossining, USA
DRB1*04:261	HG00018009	MH779083	Histogenetics, Ossining, USA
DRB1*04:262	HG00018038	MH779117	Histogenetics, Ossining, USA
DRB1*04:263	HG00018055	MH779135	Histogenetics, Ossining, USA
DRB1*04:264N	HG00015185	MG769842	Histogenetics, Ossining, USA
DRB1*04:265	HG00015197	MG769854	Histogenetics, Ossining, USA
DRB1*04:266N	HG00016315	MH173606	Histogenetics, Ossining, USA
DRB1*04:267N	HG00017223	MH544401	Histogenetics, Ossining, USA
DRB1*04:268	HG00019472	MK143808	Histogenetics, Ossining, USA
DRB1*04:269	HG00019496	MK143835	Histogenetics, Ossining, USA
DRB1*04:270	HG00019508	MK143847	Histogenetics, Ossining, USA
DRB1*04:271	HG00019511	MK143851	Histogenetics, Ossining, USA
DRB1*04:272	HG00019576	MK143925	Histogenetics, Ossining, USA
DRB1*07:01:01:04	M7	LT992007	Steven GE Marsh, London, United Kingdom
DRB1*07:100	6683	MK284925	Maria Loginova, Kirov, Russia
DRB1*07:91	HG00017471	MH670740	Histogenetics, Ossining, USA
DRB1*07:92	HG00018048	MH779127	Histogenetics, Ossining, USA
DRB1*07:93	81190246	MK105915	Daniel Fuerst, Ulm, Germany
DRB1*07:94	HG00019526	MK143868	Histogenetics, Ossining, USA
DRB1*07:95	HG00019530	MK143873	Histogenetics, Ossining, USA
DRB1*07:96	HG00019531	MK143874	Histogenetics, Ossining, USA
DRB1*07:97	HG00019568	MK143916	Histogenetics, Ossining, USA
DRB1*07:98	YFJY-DR-3	MK213793	Yunli Zhou, Jinan, China
DRB1*07:99	YFJY-DR-5	MK241412	Yunli Zhou, Jinan, China
DRB1*08:03:09	HG00018041	MH779120	Histogenetics, Ossining, USA
DRB1*08:88	HG00018029, HG00018050	MH779106, MH779129	Histogenetics, Ossining, USA
DRB1*08:89N	HG00016353	MH183053	Histogenetics, Ossining, USA
DRB1*09:35	HG00016574	MH215871	Histogenetics, Ossining, USA
DRB1*09:36	HG00018600	MH913467	Histogenetics, Ossining, USA
DRB1*09:37N	HG00018604, HG00015175	MH924907, MF422356	Histogenetics, Ossining, USA
DRB1*09:38	HG00019479	MK143816	Histogenetics, Ossining, USA
DRB1*09:39	HG00019501	MK143840	Histogenetics, Ossining, USA
DRB1*09:40	H180518	MK189189	Faming Zhu, Hangzhou, China
DRB1*10:01:10	HG00016328	MH173622	Histogenetics, Ossining, USA
DRB1*10:01:11	HG00019582	MK143934	Histogenetics, Ossining, USA
DRB1*10:01:12	HG00019585	MK143940	Histogenetics, Ossining, USA
DRB1*10:29	HG00016584	MH215883	Histogenetics, Ossining, USA
DRB1*10:30	HG00017473	MH704672	Histogenetics, Ossining, USA

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
DRB1*10:31	HG00018839	MH924906	Histogenetics, Ossining, USA
DRB1*10:32	HG00018844	MK032408	Histogenetics, Ossining, USA
DRB1*10:33	HG00018599	MH913466	Histogenetics, Ossining, USA
DRB1*11:01:31	HG00015192	MG769849	Histogenetics, Ossining, USA
DRB1*11:01:32	HG00019485	MK143822	Histogenetics, Ossining, USA
DRB1*11:01:33	HG00019528	MK143871	Histogenetics, Ossining, USA
DRB1*11:04:16	HG00015905	MH049643	Histogenetics, Ossining, USA
DRB1*11:04:17	HG00018067	MH779151	Histogenetics, Ossining, USA
DRB1*11:04:18	HG00018598	MH802107	Histogenetics, Ossining, USA
DRB1*11:117:02	HG00017467	MH651445	Histogenetics, Ossining, USA
DRB1*11:124:02	HG00019499	MK143838	Histogenetics, Ossining, USA
DRB1*11:165:02	HG00018051	MH779131	Histogenetics, Ossining, USA
DRB1*11:234	HG00015904	MH049642	Histogenetics, Ossining, USA
DRB1*11:235	HG00015910	MH049648	Histogenetics, Ossining, USA
DRB1*11:236	HG00016316	MH173607	Histogenetics, Ossining, USA
DRB1*11:237	HG00016578	MH215876	Histogenetics, Ossining, USA
DRB1*11:238	HG00017481	MH721328	Histogenetics, Ossining, USA
DRB1*11:239	HG00017485	MH721334	Histogenetics, Ossining, USA
DRB1*11:240	HG00017486	MH721335	Histogenetics, Ossining, USA
DRB1*11:241	HG00017981	MH721337	Histogenetics, Ossining, USA
DRB1*11:242	HG00018004	MH779076	Histogenetics, Ossining, USA
DRB1*11:243	HG00018035	MH779113	Histogenetics, Ossining, USA
DRB1*11:244	HG00018037	MH779115	Histogenetics, Ossining, USA
DRB1*11:245	17ZZ1837	LC421939	Li-Qun Zhang, Beijing, China
DRB1*11:246N	96099000	MK048945	Daniel Fuerst, Ulm, Germany
DRB1*11:247	HG00018838	MH913468	Histogenetics, Ossining, USA
DRB1*11:248Q	HG00014343	MG584088	Histogenetics, Ossining, USA
DRB1*11:249	HG00014360	MG603176	Histogenetics, Ossining, USA
DRB1*11:250N	HG00018160	MH802104	Histogenetics, Ossining, USA
DRB1*11:251	HG00019468	MK143804	Histogenetics, Ossining, USA
DRB1*11:252	HG00019498	MK143837	Histogenetics, Ossining, USA
DRB1*11:253	HG00019520	MK143862	Histogenetics, Ossining, USA
DRB1*11:254	HG00019579	MK143930	Histogenetics, Ossining, USA
DRB1*11:66:02	HG00019478	MK143815	Histogenetics, Ossining, USA
DRB1*12:70	HG00015909	MH049647	Histogenetics, Ossining, USA
DRB1*12:71	HG00018020, HG00018057	MH779095, MH779138	Histogenetics, Ossining, USA
DRB1*12:72N	HG00015187	MG769844	Histogenetics, Ossining, USA
DRB1*12:73	HG00018072	MH779157	Histogenetics, Ossining, USA
DRB1*12:74N	HG00018605	MH924908	Histogenetics, Ossining, USA
DRB1*12:75	HG00019563	MK143911	Histogenetics, Ossining, USA
DRB1*13:01:23	HG00016334	MH173632	Histogenetics, Ossining, USA
DRB1*13:01:24	HG00017996	MH758845	Histogenetics, Ossining, USA
DRB1*13:01:25	HG00019489, HG00019521	MK143826, MK143863	Histogenetics, Ossining, USA
DRB1*13:01:26	HG00019493	MK143830	Histogenetics, Ossining, USA
DRB1*13:02:16	HG00018059	MH779141	Histogenetics, Ossining, USA
DRB1*13:02:17	HG00019490	MK143827	Histogenetics, Ossining, USA
DRB1*13:03:08	HG00018015	MH779089	Histogenetics, Ossining, USA
DRB1*13:03:09	HG00019703	MK165907	Histogenetics, Ossining, USA
DRB1*13:22:02	HG00019782	MH721338	Histogenetics, Ossining, USA
DRB1*13:263	HG00016308	MH173596	Histogenetics, Ossining, USA
DRB1*13:264	HG00016323	MH173616	Histogenetics, Ossining, USA
DRB1*13:265	HG00016324	MH173617	Histogenetics, Ossining, USA
DRB1*13:266	HG00017988, HG00018076, HG00018077	MH758834, MH779161, MH779162	Histogenetics, Ossining, USA
DRB1*13:267	HG00018036	MH779114	Histogenetics, Ossining, USA
DRB1*13:268N	HG00014590	MG756897	Histogenetics, Ossining, USA
DRB1*13:269	HG00018601	MH924902	Histogenetics, Ossining, USA
DRB1*13:270	HG00018602	MH924903	Histogenetics, Ossining, USA
DRB1*13:271	HG00019471	MK143807	Histogenetics, Ossining, USA
DRB1*13:272	HG00019495	MK143833	Histogenetics, Ossining, USA
DRB1*13:273	HG00019506	MK143845	Histogenetics, Ossining, USA
DRB1*13:274	HG00019537, HG00019561	MK143880, MK143909	Histogenetics, Ossining, USA
DRB1*13:275	HG00019553	MK143898	Histogenetics, Ossining, USA
DRB1*13:276	64678	MK185006	Francisco de Paula Sanchez Gordo, Malaga, Spain
DRB1*14:02:07	HG00016312	MH173602	Histogenetics, Ossining, USA
DRB1*14:203	HG00017993	MH758842	Histogenetics, Ossining, USA
DRB1*14:204	HG00018068	MH779152	Histogenetics, Ossining, USA
DRB1*14:205	HG00018840	MH924909	Histogenetics, Ossining, USA
DRB1*14:206	HG00015679	MG930655	Histogenetics, Ossining, USA
DRB1*14:207	FRFLI18134	LR131497	Vincent Elsermans, Lille cedex, France

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
DRB1*14:54:07	HG00018021, HG00016575	MH779096, MH215873	Histogenetics, Ossining, USA
DRB1*15:01:38	HG00018006	MH779078	Histogenetics, Ossining, USA
DRB1*15:160	HG00016331	MH173626	Histogenetics, Ossining, USA
DRB1*15:161	HG00018078	MH779163	Histogenetics, Ossining, USA
DRB1*15:162	H70056	LN609291	Sriprapai Khanuntong, Bangkok, Thailand
DRB1*15:162	HG00018955	MK058678	Histogenetics, Ossining, USA
DRB1*16:01:15	HG00016320	MH173612	Histogenetics, Ossining, USA
DRB1*16:51	HG00018027	MH779102	Histogenetics, Ossining, USA
DRB1*16:52	HG00018070	MH779154	Histogenetics, Ossining, USA
DRB1*16:53	430661	LR130149	Edward KL Yang, Hualien, Taiwan
DRB3*01:50	HG00014662	MG769864	Histogenetics, Ossining, USA
DRB3*01:51	HG00016338	MH173589	Histogenetics, Ossining, USA
DRB3*01:52	HG00016603	MH215904	Histogenetics, Ossining, USA
DRB3*01:53	HG00016607	MH249146	Histogenetics, Ossining, USA
DRB3*01:54	HG00017492	MH721402	Histogenetics, Ossining, USA
DRB3*01:55	HG00018092	MH779166	Histogenetics, Ossining, USA
DRB3*01:56	HG00018964	MK058613	Histogenetics, Ossining, USA
DRB3*02:02:01:03	G085	MK170174	Steven GE Marsh, London, United Kingdom
DRB3*02:02:14	HG00017491	MH721401	Histogenetics, Ossining, USA
DRB3*02:02:15	HG00017494	MH721404	Histogenetics, Ossining, USA
DRB3*02:02:16	HG00018088	MH758858	Histogenetics, Ossining, USA
DRB3*02:82	HG00014613	MG756909	Histogenetics, Ossining, USA
DRB3*02:83	HG00014669	MG805460	Histogenetics, Ossining, USA
DRB3*02:84	HG00016602	MH215903	Histogenetics, Ossining, USA
DRB3*02:85	HG00017205, HG00017495, HG00018087, HG00018085	MH544346, MH721405, MH758857, MH758854	Histogenetics, Ossining, USA
DRB3*02:86	HG00018089	MH758859	Histogenetics, Ossining, USA
DRB3*02:87	HG00018957	MK058606	Histogenetics, Ossining, USA
DRB3*03:01:06	HG00017493	MH721403	Histogenetics, Ossining, USA
DRB3*03:01:07	4249456	MK185212	Jonathan Visentin, Bordeaux, France
DRB3*03:19	HG00016337	MH173588	Histogenetics, Ossining, USA
DRB3*03:20	HG00017496	MH721406	Histogenetics, Ossining, USA
DRB3*03:21	HG00018086	MH758856	Histogenetics, Ossining, USA
DRB4*01:03:01:04	SHJO	MH892056	Steven GE Marsh, London, United Kingdom
DRB4*01:03:01:05	LKT3	MH892051	Steven GE Marsh, London, United Kingdom
DRB4*01:03:01:06	YSYU005	MG571444	Riga Wu, Guangzhou, China
DRB4*01:03:01:07	CHI007	MK170172	Steven GE Marsh, London, United Kingdom
DRB4*01:03:01:08	T7527	MK170165	Steven GE Marsh, London, United Kingdom
DRB4*01:03:08	HG00017506	MH721357	Histogenetics, Ossining, USA
DRB4*01:03:09	HG00017507	MH721358	Histogenetics, Ossining, USA
DRB4*01:03:10	HG00018102	MH758972	Histogenetics, Ossining, USA
DRB4*01:03:11	HG00018852	MK032414	Histogenetics, Ossining, USA
DRB4*01:72	HG00016340	MH173635	Histogenetics, Ossining, USA
DRB4*01:73	HG00016341	MH173636	Histogenetics, Ossining, USA
DRB4*01:74	HG00016609	MH215909	Histogenetics, Ossining, USA
DRB4*01:75	HG00017497	MH670742	Histogenetics, Ossining, USA
DRB4*01:76	HG00017505	MH721356	Histogenetics, Ossining, USA
DRB4*01:77	HG00018097	MH758966	Histogenetics, Ossining, USA
DRB4*01:78	HG00018098	MH758967	Histogenetics, Ossining, USA
DRB4*01:79	HG00018100	MH758969	Histogenetics, Ossining, USA
DRB4*01:80N	HG00017500, HG00017501	MH721351, MH721352	Histogenetics, Ossining, USA
DRB4*01:81	HG00018847	MK032409	Histogenetics, Ossining, USA
DRB4*01:82	HG00018848	MK032410	Histogenetics, Ossining, USA
DRB4*01:83	HG00018849	MK032411	Histogenetics, Ossining, USA
DRB4*01:84N	HG00018850	MK032412	Histogenetics, Ossining, USA
DRB4*01:85	Ua2018tp2849	MK192692	Mats Bengtsson, Uppsala, Sweden
DRB4*01:86	81192102	MK214320	Daniel Fuerst, Ulm, Germany
DRB5*01:43	HG00013942	MG701610	Histogenetics, Ossining, USA
DRB5*01:44	HG00015932	MH049663	Histogenetics, Ossining, USA
DRB5*01:45	HG00017515, HG00017516	MH721340, MH721342	Histogenetics, Ossining, USA
DRB5*01:46	HG00018105	MH758862	Histogenetics, Ossining, USA
DRB5*01:47	HG00018106, HG00018107	MH758863, MH758864	Histogenetics, Ossining, USA
DRB5*01:48N	HG00018108	MH758865	Histogenetics, Ossining, USA
DRB5*01:49N	90254543	MK029345	Daniel Fuerst, Ulm, Germany
DRB5*01:50	HG00018860, HG00018862, HG00018995	MK032429, MK032431, MK058647	Histogenetics, Ossining, USA
DRB5*01:51	HG00018863	MK032432	Histogenetics, Ossining, USA
DRB5*02:23	HG00018110	MH758867	Histogenetics, Ossining, USA

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
DRB5*02:24	HG00018996	MK058648	Histogenetics, Ossining, USA
DQA1*01:02:01:10	AN36	MH892059	Steven GE Marsh, London, United Kingdom
DQA1*01:02:02:02	AN66	MH892064	Steven GE Marsh, London, United Kingdom
DQA1*01:17	HG00017253	MH401250	Histogenetics, Ossining, USA
DQA1*01:18	29659	MH998360	Kelly Ingram, Winston-Salem, USA
DQA1*01:19	29695	MH998361	Kelly Ingram, Winston-Salem, USA
DQA1*01:20	29907	MK134007	Kelly Ingram, Winston-Salem, USA
DQA1*01:21	30057	MK159703	Kelly Ingram, Winston-Salem, USA
DQA1*02:03	Ua2016tp1069	MK256476	Mats Bengtsson, Uppsala, Sweden
DQA1*03:03:01:05	LK707	MK170171	Steven GE Marsh, London, United Kingdom
DQA1*03:05	HG00017437	MH704678	Histogenetics, Ossining, USA
DQA1*05:05:01:13	MYE 2004	MK192690	Steven GE Marsh, London, United Kingdom
DQA1*05:12	HG00015334	MG701643	Histogenetics, Ossining, USA
DQA1*05:13	29860	MK118158	Kelly Ingram, Winston-Salem, USA
DQA1*05:14	4246329	MK185213	Jonathan Visentin, Bordeaux, France
DQB1*02:01:29	HG00017873	MH758878	Histogenetics, Ossining, USA
DQB1*02:01:30	81180790	MH790269	Daniel Fuerst, Ulm, Germany
DQB1*02:01:31	HG00019464	MK144007	Histogenetics, Ossining, USA
DQB1*02:02:07	HG00017462	MH721393	Histogenetics, Ossining, USA
DQB1*02:02:08	HG00017899	MH779179	Histogenetics, Ossining, USA
DQB1*02:02:09	HG00017927	MH779209	Histogenetics, Ossining, USA
DQB1*02:03:02	HG00015143	MG805574	Histogenetics, Ossining, USA
DQB1*02:113	HG00014307, HG00014308	MG603223, MG603224	Histogenetics, Ossining, USA
DQB1*02:114	HG00014558	MG756936	Histogenetics, Ossining, USA
DQB1*02:115	HG00015652, HG00015115	MG930722, MG769894	Histogenetics, Ossining, USA
DQB1*02:116	HG00015900	MH049683	Histogenetics, Ossining, USA
DQB1*02:117	HG00015901, HG00015106	MH049684, MG769885	Histogenetics, Ossining, USA
DQB1*02:118	HG00016287, HG00017929, HG00016288	MH173652, MH173653, MH779211	Histogenetics, Ossining, USA
DQB1*02:118	HG00017919	MH779201	Histogenetics, Ossining, USA
DQB1*02:119	HG00016294, HG00016295	MH173660, MH173661	Histogenetics, Ossining, USA
DQB1*02:120	HG00016544	MH215938	Histogenetics, Ossining, USA
DQB1*02:121	HG00016554	MH215948	Histogenetics, Ossining, USA
DQB1*02:122	HG00016555, HG00014557, HG00014319	MH215949, MG756935, MG701626	Histogenetics, Ossining, USA
DQB1*02:122	HG00017886, HG00017887, HG00017898, HG00017905, HG00017933, HG00017957, HG00017965, HG00017969, HG00017888	MH758891, MH758892, MH779178, MH779185, MH779215, MH779239, MH779247, MH779251, MH758893	Histogenetics, Ossining, USA
DQB1*02:123	HG00016562	MH215956	Histogenetics, Ossining, USA
DQB1*02:124	HG00017906	MH779186	Histogenetics, Ossining, USA
DQB1*02:125	HG00017945	MH779227	Histogenetics, Ossining, USA
DQB1*02:126	HG00017947	MH779229	Histogenetics, Ossining, USA
DQB1*02:127	HG00018921	MK058570	Histogenetics, Ossining, USA
DQB1*02:128	90194140	MK048946	Daniel Fuerst, Ulm, Germany
DQB1*02:129N	HG00015102	MF352819	Histogenetics, Ossining, USA
DQB1*02:130	HG00018579	MH913479	Histogenetics, Ossining, USA
DQB1*02:131	HG00018590	MH924980	Histogenetics, Ossining, USA
DQB1*02:132N	HG00018693	MH924983	Histogenetics, Ossining, USA
DQB1*02:133	HG00018699	MK005676	Histogenetics, Ossining, USA
DQB1*02:134N	HG00018830	MH824627	Histogenetics, Ossining, USA
DQB1*02:135	HG00019065	MK095494	Histogenetics, Ossining, USA
DQB1*02:136	HG00019410	MK143947	Histogenetics, Ossining, USA
DQB1*02:137	HG00019416	MK143953	Histogenetics, Ossining, USA
DQB1*02:138	HG00019427	MK143968	Histogenetics, Ossining, USA
DQB1*02:139	YFJY-DQ-1	MK213791	Yunli Zhou, Jinan, China
DQB1*02:140	YFJY-DQ-6	MK241413	Yunli Zhou, Jinan, China
DQB1*02:89:02	HG00017461	MH721392	Histogenetics, Ossining, USA
DQB1*03:01:45	17ZZ0314	LC421938	Li-Qun Zhang, Beijing, China
DQB1*03:01:46	M6534	LR131269	Vincent Elsermans, Lille cedex, France
DQB1*03:03:19	HG00015930	MH049686	Histogenetics, Ossining, USA
DQB1*03:03:20	HG00016552	MH215946	Histogenetics, Ossining, USA
DQB1*03:03:21	HG00018944	MK058595	Histogenetics, Ossining, USA
DQB1*03:04:04	HG00016279	MH173642	Histogenetics, Ossining, USA

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
DQB1*03:198:02	HG00019432	MK143974	Histogenetics, Ossining, USA
DQB1*03:19:03	HG00017907	MH779187	Histogenetics, Ossining, USA
DQB1*03:19:04	HG00019448	MK143990	Histogenetics, Ossining, USA
DQB1*03:299	HG00014293	MG603209	Histogenetics, Ossining, USA
DQB1*03:300	HG00014299	MG603215	Histogenetics, Ossining, USA
DQB1*03:301	HG00014300	MG603216	Histogenetics, Ossining, USA
DQB1*03:302	HG00014315	MG701622	Histogenetics, Ossining, USA
DQB1*03:303N	HG00014321	MG701628	Histogenetics, Ossining, USA
DQB1*03:304	HG00014325	MG701632	Histogenetics, Ossining, USA
DQB1*03:305	HG00014327	MG701634	Histogenetics, Ossining, USA
DQB1*03:306	HG00014332	MG701639	Histogenetics, Ossining, USA
DQB1*03:307	HG00014333	MG701640	Histogenetics, Ossining, USA
DQB1*03:308	HG00014549	MG756927	Histogenetics, Ossining, USA
DQB1*03:309	HG00014551	MG756929	Histogenetics, Ossining, USA
DQB1*03:310N	HG00014556	MG756934	Histogenetics, Ossining, USA
DQB1*03:311	HG00015118, HG00015117, HG00015156, HG00015122, HG00016282	MG769897, MG769896, MG805587, MG805552, MH173647	Histogenetics, Ossining, USA
DQB1*03:312	HG00017923	MH779205	Histogenetics, Ossining, USA
DQB1*03:313	HG00015151	MG805582	Histogenetics, Ossining, USA
DQB1*03:314	HG00015159	MG805590	Histogenetics, Ossining, USA
DQB1*03:315	HG00015160, HG00015161	MG805591, MG805593	Histogenetics, Ossining, USA
DQB1*03:316	HG00015647	MG930717	Histogenetics, Ossining, USA
DQB1*03:317:01	HG00016281	MH173645	Histogenetics, Ossining, USA
DQB1*03:317:02	HG00017903	MH779183	Histogenetics, Ossining, USA
DQB1*03:318	HG00016296	MH173662	Histogenetics, Ossining, USA
DQB1*03:319	HG00016299	MH173665	Histogenetics, Ossining, USA
DQB1*03:320	HG00016566	MH249147	Histogenetics, Ossining, USA
DQB1*03:321	HG00017864	MH704677	Histogenetics, Ossining, USA
DQB1*03:322	HG00017865	MH721397	Histogenetics, Ossining, USA
DQB1*03:323	HG00017884	MH758889	Histogenetics, Ossining, USA
DQB1*03:324	HG00017901	MH779181	Histogenetics, Ossining, USA
DQB1*03:326	HG00017916	MH779198	Histogenetics, Ossining, USA
DQB1*03:327	HG00017918	MH779200	Histogenetics, Ossining, USA
DQB1*03:328	HG00017925	MH779207	Histogenetics, Ossining, USA
DQB1*03:329	HG00017951	MH779233	Histogenetics, Ossining, USA
DQB1*03:330	HG00017952	MH779234	Histogenetics, Ossining, USA
DQB1*03:331	HG00017970	MH779252	Histogenetics, Ossining, USA
DQB1*03:332	HG00015150	MG805581	Histogenetics, Ossining, USA
DQB1*03:333	96096533	MK029346	Daniel Fuerst, Ulm, Germany
DQB1*03:334N	HG00018832	MH913484	Histogenetics, Ossining, USA
DQB1*03:335	HG00018926	MK058576	Histogenetics, Ossining, USA
DQB1*03:336	HG00018928	MK058578	Histogenetics, Ossining, USA
DQB1*03:337	HG00018940	MK058590	Histogenetics, Ossining, USA
DQB1*03:338N	HG00016280	MH173643	Histogenetics, Ossining, USA
DQB1*03:339N	HG00017076	MH516145	Histogenetics, Ossining, USA
DQB1*03:340N	HG00017904	MH779184	Histogenetics, Ossining, USA
DQB1*03:341	HG00018152	MH779260	Histogenetics, Ossining, USA
DQB1*03:342	HG00018587	MH924977	Histogenetics, Ossining, USA
DQB1*03:343	HG00018591	MH924981	Histogenetics, Ossining, USA
DQB1*03:344	HG00018593	MH973999	Histogenetics, Ossining, USA
DQB1*03:345	HG00019411	MK143948	Histogenetics, Ossining, USA
DQB1*03:346	HG00019425	MK143966	Histogenetics, Ossining, USA
DQB1*03:347	HG00019443, HG00019444	MK143985, MK143986	Histogenetics, Ossining, USA
DQB1*03:348	HG00019449	MK143991	Histogenetics, Ossining, USA
DQB1*03:349	HG00019450	MK143992	Histogenetics, Ossining, USA
DQB1*03:350	HG00019460	MK144003	Histogenetics, Ossining, USA
DQB1*03:351	YFJY-DQ-2	MK213792	Yunli Zhou, Jinan, China
DQB1*03:352	YFJY-DQ-7	MK241414	Yunli Zhou, Jinan, China
DQB1*03:353	K6378	LR131832	Vincent Elsermans, Lille cedex, France
DQB1*04:02:01:08	RSH	LT963703	Steven GE Marsh, London, United Kingdom
DQB1*04:02:01:09	CB	LT963647	Steven GE Marsh, London, United Kingdom
DQB1*04:02:01:10	BUR, E	LT963670	Steven GE Marsh, London, United Kingdom
DQB1*04:02:17	HG00017876	MH758881	Histogenetics, Ossining, USA
DQB1*04:02:18	HG00018156	MH802115	Histogenetics, Ossining, USA
DQB1*04:53	HG00016563	MH215957	Histogenetics, Ossining, USA
DQB1*04:54	HG00017891	MH779170	Histogenetics, Ossining, USA
DQB1*04:55	HG00017896	MH779176	Histogenetics, Ossining, USA
DQB1*04:56	HG00017902	MH779182	Histogenetics, Ossining, USA
DQB1*04:57	HG00017948	MH779230	Histogenetics, Ossining, USA
DQB1*04:58	HG00016293	MH173659	Histogenetics, Ossining, USA

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
DQB1*04:59N	HG00016871, HG00017038, HG00017959	MH294695, MH477585, MH779241	Histogenetics, Ossining, USA
DQB1*04:60	HG00018697	MK005674	Histogenetics, Ossining, USA
DQB1*04:61	YFJY-DQ-4	MK213794	Yunli Zhou, Jinan, China
DQB1*05:01:28	HG00017444	MH670747	Histogenetics, Ossining, USA
DQB1*05:01:29	HG00017445	MH670748	Histogenetics, Ossining, USA
DQB1*05:01:30	HG00017872	MH758877	Histogenetics, Ossining, USA
DQB1*05:01:31	HG00017879	MH758884	Histogenetics, Ossining, USA
DQB1*05:01:32	HG00019466	MK144009	Histogenetics, Ossining, USA
DQB1*05:02:18	HG00017465	MH721398	Histogenetics, Ossining, USA
DQB1*05:02:19	HG00019456	MK143999	Histogenetics, Ossining, USA
DQB1*05:03:20	scu23153	MK123982	Francisco de Paula Sanchez Gordo, Malaga, Spain
DQB1*05:167	HG00014290	MG584126	Histogenetics, Ossining, USA
DQB1*05:168	HG00014304, HG00014302, HG00014294	MG603220, MG603218, MG603210	Histogenetics, Ossining, USA
DQB1*05:169	HG00014305	MG603221	Histogenetics, Ossining, USA
DQB1*05:170	HG00014331	MG701638	Histogenetics, Ossining, USA
DQB1*05:171	HG00014570	MG756949	Histogenetics, Ossining, USA
DQB1*05:172	HG00014571	MG756951	Histogenetics, Ossining, USA
DQB1*05:173	HG00015108	MG769887	Histogenetics, Ossining, USA
DQB1*05:174	HG00015126	MG805556	Histogenetics, Ossining, USA
DQB1*05:175	HG00015157	MG805588	Histogenetics, Ossining, USA
DQB1*05:176	HG00015893	MH049676	Histogenetics, Ossining, USA
DQB1*05:177	HG00016545, HG00016283	MH215939, MH173648	Histogenetics, Ossining, USA
DQB1*05:178	HG00016546	MH215940	Histogenetics, Ossining, USA
DQB1*05:179	HG00016561	MH215955	Histogenetics, Ossining, USA
DQB1*05:180	HG00017440	MH651449	Histogenetics, Ossining, USA
DQB1*05:181	HG00017451	MH670754	Histogenetics, Ossining, USA
DQB1*05:182	HG00017895	MH779174	Histogenetics, Ossining, USA
DQB1*05:183	HG00017909	MH779189	Histogenetics, Ossining, USA
DQB1*05:184	HG00017935	MH779217	Histogenetics, Ossining, USA
DQB1*05:185N	HG00017960	MH779242	Histogenetics, Ossining, USA
DQB1*05:186	HG00017977, HG00017978	MH779261, MH779262	Histogenetics, Ossining, USA
DQB1*05:187	HG00012333	KX646335	Histogenetics, Ossining, USA
DQB1*05:188	HG00018831	MH824628	Histogenetics, Ossining, USA
DQB1*05:189	HG00018835	MH974003	Histogenetics, Ossining, USA
DQB1*05:190	HG00018945, HG00018946	MK058596, MK058597	Histogenetics, Ossining, USA
DQB1*05:191	71582	MK158085	Francisco de Paula Sanchez Gordo, Malaga, Spain
DQB1*05:192	HG00017939	MH779221	Histogenetics, Ossining, USA
DQB1*05:193	HG00018582, HG00018694	MH913482, MK005670	Histogenetics, Ossining, USA
DQB1*05:194	HG00018696	MK005673	Histogenetics, Ossining, USA
DQB1*05:195	HG00018933	MK058583	Histogenetics, Ossining, USA
DQB1*05:196	HG00019412	MK143949	Histogenetics, Ossining, USA
DQB1*05:197	HG00019437	MK143979	Histogenetics, Ossining, USA
DQB1*05:198	HG00019453	MK143995	Histogenetics, Ossining, USA
DQB1*05:199	HG00019465	MK144008	Histogenetics, Ossining, USA
DQB1*06:02:37	HG00017926	MH779208	Histogenetics, Ossining, USA
DQB1*06:02:38	HG00019459	MK144002	Histogenetics, Ossining, USA
DQB1*06:03:01:03	CC, DO208915	LT963650, LT963659	Steven GE Marsh, London, United Kingdom
DQB1*06:03:32	HG00017963	MH779245	Histogenetics, Ossining, USA
DQB1*06:03:33	HG00018868	MH824626	Histogenetics, Ossining, USA
DQB1*06:03:34	HG00018937	MK058587	Histogenetics, Ossining, USA
DQB1*06:03:35	HG00018154	MH802113	Histogenetics, Ossining, USA
DQB1*06:04:12	HG00017881	MH758886	Histogenetics, Ossining, USA
DQB1*06:09:10	HG00017914	MH779195	Histogenetics, Ossining, USA
DQB1*06:11:04	HG00018589	MH924979	Histogenetics, Ossining, USA
DQB1*06:153:02	HG00018573	MH802119	Histogenetics, Ossining, USA
DQB1*06:287	HG00015902	MH049685	Histogenetics, Ossining, USA
DQB1*06:288	HG00016285	MH173650	Histogenetics, Ossining, USA
DQB1*06:289	HG00016547	MH215941	Histogenetics, Ossining, USA
DQB1*06:290	HG00016548	MH215942	Histogenetics, Ossining, USA
DQB1*06:291	HG00016556	MH215950	Histogenetics, Ossining, USA
DQB1*06:292	HG00017447, HG00017448	MH670750, MH670751	Histogenetics, Ossining, USA
DQB1*06:293	HG00017454	MH721385	Histogenetics, Ossining, USA
DQB1*06:294	HG00017875	MH758880	Histogenetics, Ossining, USA
DQB1*06:295	HG00017897	MH779177	Histogenetics, Ossining, USA
DQB1*06:296	HG00017924	MH779206	Histogenetics, Ossining, USA

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
DQB1*06:297	HG00017928	MH779210	Histogenetics, Ossining, USA
DQB1*06:298	HG00017961, HG00017967	MH779243, MH779249	Histogenetics, Ossining, USA
DQB1*06:299	HG00017964	MH779246	Histogenetics, Ossining, USA
DQB1*06:300	HG00018923	MK058572	Histogenetics, Ossining, USA
DQB1*06:301	HG00018927	MK058577	Histogenetics, Ossining, USA
DQB1*06:302	HG00018936	MK058586	Histogenetics, Ossining, USA
DPA1*01:03:01:14	AN58	MH716396	Steven GE Marsh, London, United Kingdom
DPA1*01:03:01:15	RML	MH892057	Steven GE Marsh, London, United Kingdom
DPA1*01:03:01:16	AN64	MH892058	Steven GE Marsh, London, United Kingdom
DPA1*01:03:01:17	AN87	MH892062	Steven GE Marsh, London, United Kingdom
DPA1*01:03:01:18Q	18tp2593	MH920368	Mats Bengtsson, Uppsala, Sweden
DPA1*01:03:01:19	HAG	MK170169	Steven GE Marsh, London, United Kingdom
DPA1*01:03:06	18222049	MK167977	Daniel Fuerst, Ulm, Germany
DPA1*01:03:07	HG00018559	MH824632	Histogenetics, Ossining, USA
DPA1*02:01:01:07	AN85	MH892061	Steven GE Marsh, London, United Kingdom
DPA1*02:01:01:08	AN66	MH892063	Steven GE Marsh, London, United Kingdom
DPA1*02:01:01:09	AN32	MH892065	Steven GE Marsh, London, United Kingdom
DPA1*02:02:02:05	AN41	MH892060	Steven GE Marsh, London, United Kingdom
DPB1*01:01:01:09	DKMS-LSL-DPB1-2891	LS990975	DKMS Life Sciences Lab, Dresden, Germany
DPB1*01:01:01:10	DKMS-LSL-DPB1-2894	LS990978	DKMS Life Sciences Lab, Dresden, Germany
DPB1*02:01:02:43	DKMS-LSL-DPB1-1566	LS480665	DKMS Life Sciences Lab, Dresden, Germany
DPB1*02:01:33	HG00015034	MG769923	Histogenetics, Ossining, USA
DPB1*02:01:34	HG00016208	MH173703	Histogenetics, Ossining, USA
DPB1*02:01:35	HG00017413	MH704687	Histogenetics, Ossining, USA
DPB1*02:01:36	HG00017414	MH704688	Histogenetics, Ossining, USA
DPB1*02:01:37	HG00017433	MH721379	Histogenetics, Ossining, USA
DPB1*02:01:38	HG00018822	MH924993	Histogenetics, Ossining, USA
DPB1*02:01:39	HG00018894	MK058542	Histogenetics, Ossining, USA
DPB1*02:01:40	HG00019303	MK144027	Histogenetics, Ossining, USA
DPB1*02:01:41	HG00019336	MK144060	Histogenetics, Ossining, USA
DPB1*02:02:02	HG00017710	MH779296	Histogenetics, Ossining, USA
DPB1*02:02:03	DKMS-LSL-DPB1-2898	LS990982	DKMS Life Sciences Lab, Dresden, Germany
DPB1*03:01:10	DKMS-LSL-DPB1-2856	LS990940	DKMS Life Sciences Lab, Dresden, Germany
DPB1*04:01:38	DKMS-LSL-DPB1-2862, DKMS-LSL-DPB1-2863, DKMS-LSL-DPB1-2864, DKMS-LSL-DPB1-2865	LS990946, LS990947, LS990948, LS990949	DKMS Life Sciences Lab, Dresden, Germany
DPB1*04:01:39	DKMS-LSL-DPB1-2896	LS990980	DKMS Life Sciences Lab, Dresden, Germany
DPB1*04:02:14	DKMS-LSL-DPB1-2890, DKMS-LSL-DPB1-2892, DKMS-LSL-DPB1-2893, DKMS-LSL-DPB1-2895	LS990974, LS990976, LS990977, LS990979	DKMS Life Sciences Lab, Dresden, Germany
DPB1*05:01:08	HG00019036	MK095499	Histogenetics, Ossining, USA
DPB1*05:01:09	HG00019403	MK144133	Histogenetics, Ossining, USA
DPB1*104:01:01:06	DKMS-LSL-DPB1-2855	LS990939	DKMS Life Sciences Lab, Dresden, Germany
DPB1*10:01:04	HG00019393	MK144122	Histogenetics, Ossining, USA
DPB1*124:01:02:02	DKMS-LSL-DPB1-1634	LS480672	DKMS Life Sciences Lab, Dresden, Germany
DPB1*131:01:01:02	DKMS-LSL-DPB1-1640	LS480673	DKMS Life Sciences Lab, Dresden, Germany
DPB1*131:01:03	HG00017693	MH779278	Histogenetics, Ossining, USA
DPB1*14:01:08	HG00014268, HG00016541	MG701671, MH249150	Histogenetics, Ossining, USA
DPB1*14:01:09	HG00017684	MH779268	Histogenetics, Ossining, USA
DPB1*15:01:01:03	DKMS-LSL-DPB1-1770, DKMS-LSL-DPB1-1769	LT883496, LT883495	DKMS Life Sciences Lab, Dresden, Germany
DPB1*15:01:01:04	UD-312023	MH507364	Vera Balz, Düsseldorf, Germany
DPB1*17:01:02	HG00016530, HG00015889	MH215976, MH049672	Histogenetics, Ossining, USA
DPB1*17:01:03	HG00019293	MK144017	Histogenetics, Ossining, USA
DPB1*18:01:02	HG00014639	MG769902	Histogenetics, Ossining, USA
DPB1*18:01:03	HG00018826	MK032450	Histogenetics, Ossining, USA
DPB1*213:01:02	HG00018148	MH802127	Histogenetics, Ossining, USA
DPB1*352:01:02	281258	MH507361	Vera Balz, Düsseldorf, Germany
DPB1*39:01:03	DKMS-LSL-DPB1-1673	LS480692	DKMS Life Sciences Lab, Dresden, Germany
DPB1*40:01:02	HG00017755	MH779342	Histogenetics, Ossining, USA
DPB1*416:01:01:03	BY01480	KY906172	Carolyn K Hurley, Washington DC, USA
DPB1*416:01:02	DKMS-LSL-DPB1-1586	LS480667	DKMS Life Sciences Lab, Dresden, Germany
DPB1*523:01:02	HG00014274	MG701677	Histogenetics, Ossining, USA
DPB1*55:01:02	HG00015594, HG00015056	MG930744, MG805509	Histogenetics, Ossining, USA
DPB1*584:01:02:01	MSU92903	MH796129	Jeremy Sherrill, Ann Arbor, USA
DPB1*584:01:02:02	DKMS-LSL-DPB1-1667	LS480688	DKMS Life Sciences Lab, Dresden, Germany
DPB1*585:01:01:02	DKMS-LSL-DPB1-1649	LS480677	DKMS Life Sciences Lab, Dresden, Germany
DPB1*764:01	DKMS-LSL-DPB1-1715	LT882739	DKMS Life Sciences Lab, Dresden, Germany
DPB1*765:01	HG00013574	MG451011	Histogenetics, Ossining, USA

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
<i>DPB1*766:01</i>	HG00013753	MG584135	Histogenetics, Ossining, USA
<i>DPB1*767:01</i>	HG00013912, HG00015596, HG00015060	MG701649, MG930746, MG805513	Histogenetics, Ossining, USA
<i>DPB1*768:01</i>	HG00014208	MG584142	Histogenetics, Ossining, USA
<i>DPB1*769:01</i>	HG00014212	MG584146	Histogenetics, Ossining, USA
<i>DPB1*770:01</i>	HG00014221	MG584155	Histogenetics, Ossining, USA
<i>DPB1*771:01</i>	HG00014222	MG584156	Histogenetics, Ossining, USA
<i>DPB1*772:01</i>	HG00014236	MG603252	Histogenetics, Ossining, USA
<i>DPB1*773:01</i>	HG00014237	MG603253	Histogenetics, Ossining, USA
<i>DPB1*774:01</i>	HG00014241	MG603257	Histogenetics, Ossining, USA
<i>DPB1*775:01</i>	HG00014246	MG603262	Histogenetics, Ossining, USA
<i>DPB1*776:01</i>	HG00014250	MG701653	Histogenetics, Ossining, USA
<i>DPB1*777:01N</i>	HG00014253	MG701656	Histogenetics, Ossining, USA
<i>DPB1*778:01</i>	HG00014256	MG701659	Histogenetics, Ossining, USA
<i>DPB1*779:01</i>	HG00014260	MG701663	Histogenetics, Ossining, USA
<i>DPB1*780:01</i>	HG00014264	MG701667	Histogenetics, Ossining, USA
<i>DPB1*781:01</i>	HG00014266	MG701669	Histogenetics, Ossining, USA
<i>DPB1*782:01</i>	HG00014508, HG00017855	MG756959, MH779443	Histogenetics, Ossining, USA
<i>DPB1*783:01</i>	HG00014511, HG00014530	MG756962, MG756981	Histogenetics, Ossining, USA
<i>DPB1*784:01</i>	HG00014533	MG756984	Histogenetics, Ossining, USA
<i>DPB1*785:01</i>	HG00014534	MG756985	Histogenetics, Ossining, USA
<i>DPB1*786:01:01N</i>	HG00014536, HG00016522	MG756987, MH215968	Histogenetics, Ossining, USA
<i>DPB1*786:01:02N</i>	HG00015038, HG00015041, HG00015077	MG769927, MG769930, MG805530	Histogenetics, Ossining, USA
<i>DPB1*787:01</i>	HG00014540, HG00016539	MG756991, MH249148	Histogenetics, Ossining, USA
<i>DPB1*788:01</i>	HG00014219	MG584153	Histogenetics, Ossining, USA
<i>DPB1*789:01</i>	HG00014972	MF142136	Histogenetics, Ossining, USA
<i>DPB1*790:01</i>	HG00015022, HG00017399, HG00014531	MG769911, MH670759, MG756982	Histogenetics, Ossining, USA
<i>DPB1*791:01</i>	HG00015027	MG769916	Histogenetics, Ossining, USA
<i>DPB1*792:01N</i>	HG00015036	MG769925	Histogenetics, Ossining, USA
<i>DPB1*794:01N</i>	HG00015040	MG769929	Histogenetics, Ossining, USA
<i>DPB1*795:01</i>	HG00015049	MG769938	Histogenetics, Ossining, USA
<i>DPB1*796:01</i>	HG00015050	MG769939	Histogenetics, Ossining, USA
<i>DPB1*797:01</i>	HG00015073, HG00015595	MG805526, MG930745	Histogenetics, Ossining, USA
<i>DPB1*798:01</i>	HG00015078	MG805531	Histogenetics, Ossining, USA
<i>DPB1*799:01</i>	HG00015080, HG00014504	MG805533, MG756955	Histogenetics, Ossining, USA
<i>DPB1*800:01N</i>	HG00015082	MG805535	Histogenetics, Ossining, USA
<i>DPB1*801:01</i>	HG00015087	MG805540	Histogenetics, Ossining, USA
<i>DPB1*802:01</i>	HG00015092	MG805545	Histogenetics, Ossining, USA
<i>DPB1*803:01</i>	HG00015093	MG805546	Histogenetics, Ossining, USA
<i>DPB1*804:01</i>	HG00015583	MG930733	Histogenetics, Ossining, USA
<i>DPB1*805:01</i>	HG00015585	MG930735	Histogenetics, Ossining, USA
<i>DPB1*806:01</i>	HG00015586, HG00015059	MG930736, MG805512	Histogenetics, Ossining, USA
<i>DPB1*807:01</i>	HG00015587	MG930737	Histogenetics, Ossining, USA
<i>DPB1*808:01</i>	HG00015588	MG930738	Histogenetics, Ossining, USA
<i>DPB1*809:01</i>	HG00015589, HG00014506, HG00014995	MG930739, MG756957, MF521532	Histogenetics, Ossining, USA
<i>DPB1*810:01</i>	HG00015590	MG930740	Histogenetics, Ossining, USA
<i>DPB1*811:01</i>	HG00015597	MG930747	Histogenetics, Ossining, USA
<i>DPB1*812:01</i>	HG00015601	MG930751	Histogenetics, Ossining, USA
<i>DPB1*813:01</i>	HG00015611	MG930761	Histogenetics, Ossining, USA
<i>DPB1*814:01</i>	HG00015881	MH049664	Histogenetics, Ossining, USA
<i>DPB1*815:01</i>	HG00015884	MH049667	Histogenetics, Ossining, USA
<i>DPB1*816:01</i>	HG00015886	MH049669	Histogenetics, Ossining, USA
<i>DPB1*817:01</i>	HG00015887	MH049670	Histogenetics, Ossining, USA
<i>DPB1*818:01</i>	HG00016190	MH173685	Histogenetics, Ossining, USA
<i>DPB1*819:01</i>	HG00016198	MH173693	Histogenetics, Ossining, USA
<i>DPB1*820:01</i>	HG00016200	MH173695	Histogenetics, Ossining, USA
<i>DPB1*821:01N</i>	HG00016230	MH173727	Histogenetics, Ossining, USA
<i>DPB1*822:01</i>	HG00016272	MH173770	Histogenetics, Ossining, USA
<i>DPB1*823:01</i>	HG00016516	MH215962	Histogenetics, Ossining, USA
<i>DPB1*824:01</i>	HG00016518	MH215964	Histogenetics, Ossining, USA
<i>DPB1*825:01</i>	HG00016519	MH215965	Histogenetics, Ossining, USA

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
<i>DPB1*826:01</i>	HG00016521	MH215967	Histogenetics, Ossining, USA
<i>DPB1*827:01</i>	HG00016528	MH215974	Histogenetics, Ossining, USA
<i>DPB1*828:01</i>	HG00016533	MH215979	Histogenetics, Ossining, USA
<i>DPB1*829:01</i>	HG00016538, HG00017425	MH215985, MH721370	Histogenetics, Ossining, USA
<i>DPB1*830:01</i>	HG00016540	MH249149	Histogenetics, Ossining, USA
<i>DPB1*831:01N</i>	HG00016542	MH249151	Histogenetics, Ossining, USA
<i>DPB1*832:01</i>	DKMS-LSL-DPB1-1679	LS480694	DKMS Life Sciences Lab, Dresden, Germany
<i>DPB1*833:01</i>	HG00016975	MH401260	Histogenetics, Ossining, USA
<i>DPB1*834:01</i>	71840	MH507363	Vera Balz, Düsseldorf, Germany
<i>DPB1*835:01</i>	267328, 310016, 318744, 319390, 321045, 321197	MH507369	Vera Balz, Düsseldorf, Germany
<i>DPB1*836:01</i>	HG00017252	MH401267	Histogenetics, Ossining, USA
<i>DPB1*837:01</i>	HG00017394	MH651451	Histogenetics, Ossining, USA
<i>DPB1*838:01N</i>	HG00017402	MH670762	Histogenetics, Ossining, USA
<i>DPB1*839:01</i>	HG00017416	MH704691	Histogenetics, Ossining, USA
<i>DPB1*840:01</i>	HG00017636	MH704692	Histogenetics, Ossining, USA
<i>DPB1*841:01</i>	HG00017653	MH758904	Histogenetics, Ossining, USA
<i>DPB1*842:01</i>	HG00017655	MH758906	Histogenetics, Ossining, USA
<i>DPB1*843:01</i>	HG00017656	MH758907	Histogenetics, Ossining, USA
<i>DPB1*844:01N</i>	HG00017657	MH758908	Histogenetics, Ossining, USA
<i>DPB1*845:01</i>	HG00017661	MH758912	Histogenetics, Ossining, USA
<i>DPB1*846:01</i>	HG00017662, HG00017692	MH758913, MH779277	Histogenetics, Ossining, USA
<i>DPB1*847:01</i>	HG00017670	MH758922	Histogenetics, Ossining, USA
<i>DPB1*848:01</i>	HG00017675	MH758927	Histogenetics, Ossining, USA
<i>DPB1*849:01</i>	P18 5281972N	MH818567	Jonathan Downing, Perth, Australia
<i>DPB1*849:01</i>	HG00017679	MH758931	Histogenetics, Ossining, USA
<i>DPB1*850:01</i>	HG00017688	MH779272	Histogenetics, Ossining, USA
<i>DPB1*851:01</i>	HG00017705	MH779291	Histogenetics, Ossining, USA
<i>DPB1*852:01</i>	HG00017711	MH779297	Histogenetics, Ossining, USA
<i>DPB1*853:01</i>	HG00017723	MH779310	Histogenetics, Ossining, USA
<i>DPB1*854:01</i>	HG00017747, HG00016266	MH779334, MH173764	Histogenetics, Ossining, USA
<i>DPB1*855:01</i>	HG00017749	MH779336	Histogenetics, Ossining, USA
<i>DPB1*856:01</i>	HG00017752	MH779339	Histogenetics, Ossining, USA
<i>DPB1*857:01</i>	HG00017754	MH779341	Histogenetics, Ossining, USA
<i>DPB1*858:01</i>	HG00017769	MH779356	Histogenetics, Ossining, USA
<i>DPB1*859:01</i>	HG00017773	MH779360	Histogenetics, Ossining, USA
<i>DPB1*860:01</i>	HG00017783	MH779370	Histogenetics, Ossining, USA
<i>DPB1*861:01</i>	HG00017799	MH779387	Histogenetics, Ossining, USA
<i>DPB1*862:01N</i>	HG00017812	MH779400	Histogenetics, Ossining, USA
<i>DPB1*863:01</i>	HG00017846	MH779434	Histogenetics, Ossining, USA
<i>DPB1*864:01</i>	HG00017850	MH779438	Histogenetics, Ossining, USA
<i>DPB1*865:01N</i>	HG00013494	MF170433	Histogenetics, Ossining, USA
<i>DPB1*866:01N</i>	HG00013573	MG451010	Histogenetics, Ossining, USA
<i>DPB1*867:01N</i>	HG00013760	MG603237	Histogenetics, Ossining, USA
<i>DPB1*868:01N</i>	HG00015462	MF352823	Histogenetics, Ossining, USA
<i>DPB1*869:01N</i>	HG00014229	MG603245	Histogenetics, Ossining, USA
<i>DPB1*870:01N</i>	HG00014989	MF352824	Histogenetics, Ossining, USA
<i>DPB1*871:01N</i>	HG00015591	MG930741	Histogenetics, Ossining, USA
<i>DPB1*872:01N</i>	HG00016415	MH183048	Histogenetics, Ossining, USA
<i>DPB1*873:01N</i>	HG00016351	MH183047	Histogenetics, Ossining, USA
<i>DPB1*874:01N</i>	HG00016527	MH215973	Histogenetics, Ossining, USA
<i>DPB1*875:01N</i>	HG00014990	MF352825	Histogenetics, Ossining, USA
<i>DPB1*875:01N</i>	HG00016639	MH215981	Histogenetics, Ossining, USA
<i>DPB1*876:01N</i>	HG00017031	MH477581	Histogenetics, Ossining, USA
<i>DPB1*877:01N</i>	HG00017652	MH758903	Histogenetics, Ossining, USA
<i>DPB1*878:01N</i>	HG00016250	MH173747	Histogenetics, Ossining, USA
<i>DPB1*878:01N</i>	HG00017680	MH758932	Histogenetics, Ossining, USA
<i>DPB1*879:01:01:01</i>	DKMS-LSL-DPB1-2874	LS990958	DKMS Life Sciences Lab, Dresden, Germany
<i>DPB1*879:01:01:02</i>	DKMS-LSL-DPB1-2876	LS990960	DKMS Life Sciences Lab, Dresden, Germany
<i>DPB1*880:01</i>	DKMS-LSL-DPB1-2878, DKMS-LSL-DPB1-2879, DKMS-LSL-DPB1-2880, DKMS-LSL-DPB1-2881	LS990962, LS990963, LS990964, LS990965	DKMS Life Sciences Lab, Dresden, Germany
<i>DPB1*881:01</i>	DKMS-LSL-DPB1-2882, DKMS-LSL-DPB1-2883, DKMS-LSL-DPB1-2884	LS990966, LS990967, LS990968	DKMS Life Sciences Lab, Dresden, Germany
<i>DPB1*882:01</i>	DKMS-LSL-DPB1-2886	LS990970	DKMS Life Sciences Lab, Dresden, Germany
<i>DPB1*883:01</i>	HG00018819	MH924990	Histogenetics, Ossining, USA
<i>DPB1*884:01</i>	HG00018820	MH924991	Histogenetics, Ossining, USA
<i>DPB1*885:01</i>	HG00018821	MH924992	Histogenetics, Ossining, USA
<i>DPB1*886:01</i>	HG00018886	MK058533	Histogenetics, Ossining, USA

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Table 1 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
<i>DPB1*887:01</i>	HG00018891	MK058538	Histogenetics, Ossining, USA
<i>DPB1*888:01</i>	HG00018900	MK058548	Histogenetics, Ossining, USA
<i>DPB1*889:01</i>	HG00018901	MK058549	Histogenetics, Ossining, USA
<i>DPB1*890:01</i>	HG00018903	MK058551	Histogenetics, Ossining, USA
<i>DPB1*891:01</i>	HG00018904	MK058552	Histogenetics, Ossining, USA
<i>DPB1*892:01</i>	HG00018906	MK058554	Histogenetics, Ossining, USA
<i>DPB1*893:01</i>	HG00018908	MK058556	Histogenetics, Ossining, USA
<i>DPB1*894:01N</i>	HG00018909	MK058557	Histogenetics, Ossining, USA
<i>DPB1*895:01</i>	HG00018913	MK058563	Histogenetics, Ossining, USA
<i>DPB1*896:01</i>	AN00171	LT596618	Steven GE Marsh, London, United Kingdom
<i>DPB1*896:01</i>	4258277	MK240354	Jonathan Visentin, Bordeaux, France
<i>DPB1*897:01</i>	HG00013752, HG00017826	MG584134, MH779414	Histogenetics, Ossining, USA
<i>DPB1*898:01</i>	HG00014206	MG584140	Histogenetics, Ossining, USA
<i>DPB1*899:01</i>	HG00014223, HG00014252, HG00014525, HG00016235	MG603239, MG701655, MG756976, MH173732	Histogenetics, Ossining, USA
<i>DPB1*900:01</i>	HG00014225	MG603241	Histogenetics, Ossining, USA
<i>DPB1*901:01</i>	HG00014231, HG00017719	MG603247, MH779306	Histogenetics, Ossining, USA
<i>DPB1*902:01</i>	HG00014258, HG00016237, HG00017716, HG00019667	MG701661, MH173734, MH779303, MK165923	Histogenetics, Ossining, USA
<i>DPB1*903:01</i>	HG00014269	MG701672	Histogenetics, Ossining, USA
<i>DPB1*904:01</i>	HG00014538	MG756989	Histogenetics, Ossining, USA
<i>DPB1*905:01</i>	HG00015043, HG00015058, HG00017645, HG00017821, HG00014213, HG00019294, HG00019300, HG00019358, HG00019382	MG769932, MG805511, MH758896, MH779409, MG584147, MK144018, MK144024, MK144085, MK144109	Histogenetics, Ossining, USA
<i>DPB1*906:01</i>	HG00015606, HG00017401, HG00018899	MG930756, MH670761, MK058547	Histogenetics, Ossining, USA
<i>DPB1*907:01</i>	HG00015613, HG00017742	MG930763, MH779329	Histogenetics, Ossining, USA
<i>DPB1*908:01</i>	HG00016189, HG00017763, HG00019380	MH173684, MH779350, MK144107	Histogenetics, Ossining, USA
<i>DPB1*909:01</i>	DKMS-LSL-DPB1-1657	LS480683	DKMS Life Sciences Lab, Dresden, Germany
<i>DPB1*910:01</i>	HG00017397	MH670757	Histogenetics, Ossining, USA
<i>DPB1*911:01N</i>	HG00017400	MH670760	Histogenetics, Ossining, USA
<i>DPB1*912:01</i>	HG00017412	MH704686	Histogenetics, Ossining, USA
<i>DPB1*913:01</i>	HG00017683, HG00017706	MH779267, MH779292	Histogenetics, Ossining, USA
<i>DPB1*914:01</i>	HG00017750	MH779337	Histogenetics, Ossining, USA
<i>DPB1*915:01</i>	HG00018147	MH802126	Histogenetics, Ossining, USA
<i>DPB1*916:01</i>	HG00018561	MH824629	Histogenetics, Ossining, USA
<i>DPB1*917:01N</i>	HG00018570	MH974006	Histogenetics, Ossining, USA
<i>DPB1*918:01</i>	HG00018692	MK005668	Histogenetics, Ossining, USA
<i>DPB1*919:01N</i>	HG00018818	MH824630	Histogenetics, Ossining, USA
<i>DPB1*920:01</i>	HG00019030	MK005669	Histogenetics, Ossining, USA
<i>DPB1*921:01</i>	HG00019031, HG00019386	MK058558, MK144113	Histogenetics, Ossining, USA
<i>DPB1*922:01</i>	HG00019061	MK058566	Histogenetics, Ossining, USA
<i>DPB1*923:01</i>	HG00019064	MK058569	Histogenetics, Ossining, USA
<i>DPB1*924:01</i>	HG00019330	MK144054	Histogenetics, Ossining, USA
<i>DPB1*925:01N</i>	HG00019342	MK144066	Histogenetics, Ossining, USA
<i>DPB1*926:01</i>	HG00019348	MK144072	Histogenetics, Ossining, USA
<i>DPB1*927:01</i>	HG00019362	MK144089	Histogenetics, Ossining, USA
<i>DPB1*928:01</i>	HG00019365	MK144092	Histogenetics, Ossining, USA
<i>DPB1*929:01</i>	HG00019381	MK144108	Histogenetics, Ossining, USA
<i>DPB1*930:01</i>	HG00019387	MK144114	Histogenetics, Ossining, USA
<i>DPB1*931:01</i>	HG00019670	MK165926	Histogenetics, Ossining, USA
<i>DPB1*932:01</i>	HG00019672	MK165928	Histogenetics, Ossining, USA
<i>DPB1*933:01</i>	HG00019676	MK165932	Histogenetics, Ossining, USA

Table 2
Confirmatory Sequences.

HLA Allele	Cell identification	Accession number	Submitting author
A*01:01:01:18	DKMS-LSL-A-2121, DKMS-LSL-A-2122	LT972160, LT972161	DKMS Life Sciences Lab, Dresden, Germany
A*01:01:01:21	DKMS-LSL-A-2483	LS398178	DKMS Life Sciences Lab, Dresden, Germany
A*01:01:01:21	DKMS-LSL-A-2842	LS973958	DKMS Life Sciences Lab, Dresden, Germany
A*01:01:83	AN01084	LR027046	Steven GE Marsh, London, United Kingdom
A*01:01:87	2380-1	MH939273	Viktoria Zakharova, Moscow, Russia
A*01:01:88	HG00018733	MK032368	Histogenetics, Ossining, USA
A*01:02	BY01624	MK203044	Carolyn K Hurley, Washington DC, USA
A*02:01:01:18	BY01662	MK279524	Carolyn K Hurley, Washington DC, USA
A*02:01:01:38	AN01041	LR027023	Steven GE Marsh, London, United Kingdom
A*02:01:11	AN00123	LT575552	Steven GE Marsh, London, United Kingdom
A*02:01:149	G072418734372V	MK058301	Colin Brown, London, United Kingdom
A*02:01:154	HG00018169	MH824599	Histogenetics, Ossining, USA
A*02:14	AN00152	LT575624	Steven GE Marsh, London, United Kingdom
A*02:20:01	AN00137, AN00138	LT575562, LT575636	Steven GE Marsh, London, United Kingdom
A*02:36	AN00140	LT575563	Steven GE Marsh, London, United Kingdom
A*02:642	BY01617, BY01649	MK203041	Carolyn K Hurley, Washington DC, USA
A*02:686	AN01018	LR027051	Steven GE Marsh, London, United Kingdom
A*02:695	DKMS-LSL-A-2518	LS398213	DKMS Life Sciences Lab, Dresden, Germany
A*02:738	HG00018646	MK005607	Histogenetics, Ossining, USA
A*02:744	G0724172433875	MH909766	Colin Brown, London, United Kingdom
A*02:790	DKMS-LSL-A-2141	LT971256	DKMS Life Sciences Lab, Dresden, Germany
A*02:796N	DKMS-LSL-A-2200, DKMS-LSL-A-2522	LT971315, LS398217	DKMS Life Sciences Lab, Dresden, Germany
A*03:01:01:11	AN00900	LT963289	Steven GE Marsh, London, United Kingdom
A*03:01:65	HG00017303	MH721241	Histogenetics, Ossining, USA
A*03:01:68	191686J	KP164510	Luke Foster, Manchester, United Kingdom
A*03:01:71	HG00017278, HG00017542	MH721214, MH758812	Histogenetics, Ossining, USA
A*03:266N	HG00016366, HG00016370	MH183088, MH183092	Histogenetics, Ossining, USA
A*03:296	HG00003544, HG00003545	JQ007600, GQ180331	Histogenetics, Ossining, USA
A*03:296	HN-3906	GQ180331	Histogenetics, Ossining, USA
A*03:312	HG00015425	MG769703	Histogenetics, Ossining, USA
A*11:01:82	HG00019007	MK095467	Histogenetics, Ossining, USA
A*23:01:26	HG00015343	KX060763	Histogenetics, Ossining, USA
A*23:17:01:02	HG00014630, HG00014785	MG769694, MG769730	Histogenetics, Ossining, USA
A*24:02:114	HG00010656	KT355328	Histogenetics, Ossining, USA
A*24:02:98	BY01613	MK203039	Carolyn K Hurley, Washington DC, USA
A*24:09N	BY01612	MK203038	Carolyn K Hurley, Washington DC, USA
A*24:353	SZGSQ 27	KU882746	Su-Qing Gao, Shenzhen, China
A*24:357N	HG00016359	MH183081	Histogenetics, Ossining, USA
A*24:406	HG00015487	MG930541	Histogenetics, Ossining, USA
A*24:418	HG00018225	MH973871	Histogenetics, Ossining, USA
A*26:01:40	AN01074	LR027013	Steven GE Marsh, London, United Kingdom
A*26:01:49	29275	MH749449	Kelly Ingram, Winston-Salem, USA
A*26:05	JRC-D02932	LC427319	Masahiro Satake, Tokyo, Japan
A*26:09	AN01093	LR027069	Steven GE Marsh, London, United Kingdom
A*26:161N	HG00016373, HG00016360, HG00016361	MH183095, MH183082, MH183083	Histogenetics, Ossining, USA
A*26:161N	DKMS-LSL-A-2841	LS973957	DKMS Life Sciences Lab, Dresden, Germany
A*26:164	AN00731	LT963208	Steven GE Marsh, London, United Kingdom
A*29:02:01:02	BY01635, BY01654	MK203046	Carolyn K Hurley, Washington DC, USA
A*29:02:18	81156161	KY123254	Daniel Fuerst, Ulm, Germany
A*29:02:20	BY01619	MK203042	Carolyn K Hurley, Washington DC, USA
A*29:116	HG00015987	MH173470	Histogenetics, Ossining, USA
A*29:116	AN01091	LR027065	Steven GE Marsh, London, United Kingdom
A*29:117	AN01090	LR027062	Steven GE Marsh, London, United Kingdom
A*29:118	DKMS-LSL-A-2360	LT986526	DKMS Life Sciences Lab, Dresden, Germany
A*30:02:01:04	021809101372	MH281726	Ali Hajeer, Riyadh, Saudi Arabia
A*30:02:01:04	BY01609	MK203037	Carolyn K Hurley, Washington DC, USA
A*30:135	HG00018119	MH802063	Histogenetics, Ossining, USA
A*31:01:02:07	AN01076	LR027020	Steven GE Marsh, London, United Kingdom
A*31:06	AN01094	LR027071	Steven GE Marsh, London, United Kingdom
A*31:135	AN01087	LR027053	Steven GE Marsh, London, United Kingdom
A*31:16	AN00623	LR027003	Steven GE Marsh, London, United Kingdom
A*32:106	AN01019	LR027054	Steven GE Marsh, London, United Kingdom
A*32:110	AN01066	LR027086	Steven GE Marsh, London, United Kingdom
A*33:01:11	HG00017298	MH721236	Histogenetics, Ossining, USA
A*33:03:38	HG00010810	KT760487	Histogenetics, Ossining, USA

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Table 2 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
A*68:01:02:03	BY01628	MK203045	Carolyn K Hurley, Washington DC, USA
A*68:01:41	HG00012270	KX646287	Histogenetics, Ossining, USA
A*68:01:41	HG00018642	MK005603	Histogenetics, Ossining, USA
A*68:03:01	BY01613, BY01626, BY01654	MK203040	Carolyn K Hurley, Washington DC, USA
A*68:10	AN00117	LT575657	Steven GE Marsh, London, United Kingdom
A*68:20	BY01663	MK279525	Carolyn K Hurley, Washington DC, USA
A*68:24	AN01097	LR027078	Steven GE Marsh, London, United Kingdom
A*74:01:03	HG00005337	KC253904	Histogenetics, Ossining, USA
A*74:01:07	HG00007182	KF471683	Histogenetics, Ossining, USA
B*07:02:03	BY01652	MK208897	Carolyn K Hurley, Washington DC, USA
B*07:04:01	BY01662	MK279526	Carolyn K Hurley, Washington DC, USA
B*07:06:02	HG00006020, HG00006021	KC904397, KC904396	Histogenetics, Ossining, USA
B*07:10	AN00142	LT575599	Steven GE Marsh, London, United Kingdom
B*07:100	JRC-36K0105	LC427320	Masahiro Satake, Tokyo, Japan
B*07:252	HN-38588-8	GQ859527	Histogenetics, Ossining, USA
B*07:252	HG00002492, HG00002493, HG00002494, HG00002495, HG00002496	JN119418, GQ859527, JF309405, JN119384, JN123837	Histogenetics, Ossining, USA
B*07:252	HG00005058, HG00005059	JQ824438, JX441354	Histogenetics, Ossining, USA
B*07:252	HG00005683	JX290333	Histogenetics, Ossining, USA
B*07:252	DKMS-LSL-B-3114	LS999264	DKMS Life Sciences Lab, Dresden, Germany
B*07:252	DKMS-LSL-B-3151	LS999308	DKMS Life Sciences Lab, Dresden, Germany
B*07:255	DKMS-LSL-B-3154	LS999311	DKMS Life Sciences Lab, Dresden, Germany
B*07:277	DKMS-LSL-B-3084	LS999231	DKMS Life Sciences Lab, Dresden, Germany
B*07:310	DKMS-LSL-B-3211	LS999375	DKMS Life Sciences Lab, Dresden, Germany
B*07:316N	HG00016401	MH183075	Histogenetics, Ossining, USA
B*08:01:01:11	AN01035	LR027010	Steven GE Marsh, London, United Kingdom
B*08:01:43	HG00018651	MK005615	Histogenetics, Ossining, USA
B*08:135	DKMS-LSL-B-3218	LS999385	DKMS Life Sciences Lab, Dresden, Germany
B*08:136	DKMS-LSL-B-3147	LS999302	DKMS Life Sciences Lab, Dresden, Germany
B*08:139	DKMS-LSL-B-3219	LS999386	DKMS Life Sciences Lab, Dresden, Germany
B*08:161	DKMS-LSL-B-3187	LS999348	DKMS Life Sciences Lab, Dresden, Germany
B*08:161	DKMS-LSL-B-3208	LS999371	DKMS Life Sciences Lab, Dresden, Germany
B*08:167	DKMS-LSL-B-3137	LS999291	DKMS Life Sciences Lab, Dresden, Germany
B*08:186	DKMS-LSL-B-3132	LS999285	DKMS Life Sciences Lab, Dresden, Germany
B*08:205	HG00018771	MK032334	Histogenetics, Ossining, USA
B*08:207	Ua2018tp3299	MK192691	Mats Bengtsson, Uppsala, Sweden
B*08:211	DKMS-LSL-B-3139	LS999293	DKMS Life Sciences Lab, Dresden, Germany
B*08:38:02	DKMS-LSL-B-3126	LS999279	DKMS Life Sciences Lab, Dresden, Germany
B*13:01:10	DKMS-LSL-B-3153	LS999310	DKMS Life Sciences Lab, Dresden, Germany
B*13:112	DKMS-LSL-B-3110	LS999259	DKMS Life Sciences Lab, Dresden, Germany
B*14:01:01:01	DKMS-LSL-B-3211	LS999376	DKMS Life Sciences Lab, Dresden, Germany
B*14:05	AN01098	LR027081	Steven GE Marsh, London, United Kingdom
B*15:01:01:04	DKMS-LSL-B-3075	LS999221	DKMS Life Sciences Lab, Dresden, Germany
B*15:01:49	DKMS-LSL-B-3146	LS999301	DKMS Life Sciences Lab, Dresden, Germany
B*15:01:53	DKMS-LSL-B-3214	LS999380	DKMS Life Sciences Lab, Dresden, Germany
B*15:03:07	BY01139	KF649101	Carolyn K Hurley, Washington DC, USA
B*15:04:02	DKMS-LSL-B-3071	LS999217	DKMS Life Sciences Lab, Dresden, Germany
B*15:12:02	DKMS-LSL-B-3215	LS999381	DKMS Life Sciences Lab, Dresden, Germany
B*15:12:03	BY01208	KJ623760	Carolyn K Hurley, Washington DC, USA
B*15:12:03	HG00010851	KT600095	Histogenetics, Ossining, USA
B*15:141	AB4985	LR025214	Edward KL Yang, Hualien, Taiwan
B*15:18:07	HG00011422	KU748651	Histogenetics, Ossining, USA
B*15:220:01:01	AZU96860, AZU96863	NG023187	Sina Mirzaahmadi, Zanjan, Iran
B*15:25:01	DKMS-LSL-B-3134	LS999288	DKMS Life Sciences Lab, Dresden, Germany
B*15:29	AN00110	LT575634	Steven GE Marsh, London, United Kingdom
B*15:30:01:02	BY01607, BY01616, BY01610	MK208885	Carolyn K Hurley, Washington DC, USA
B*15:333	DKMS-LSL-B-3099	LS999247	DKMS Life Sciences Lab, Dresden, Germany
B*15:361	DKMS-LSL-B-3176	LS999337	DKMS Life Sciences Lab, Dresden, Germany
B*15:406	DKMS-LSL-B-3196	LS999358	DKMS Life Sciences Lab, Dresden, Germany
B*15:440	HG00017583	MH758955	Histogenetics, Ossining, USA
B*15:443	AN01086	LR027050	Steven GE Marsh, London, United Kingdom
B*15:450	HG00016083	MH173398	Histogenetics, Ossining, USA
B*15:456	AN00174	LT596622	Steven GE Marsh, London, United Kingdom
B*15:457	G1801161059750	MH909763	Colin Brown, London, United Kingdom
B*15:476	HG00016741	MH347604	Histogenetics, Ossining, USA
B*15:78:04	DKMS-LSL-B-3120	LS999272	DKMS Life Sciences Lab, Dresden, Germany
B*18:01:01:08	DKMS-LSL-B-3193	LS999355	DKMS Life Sciences Lab, Dresden, Germany
B*18:01:30	HG00017560	MH721288	Histogenetics, Ossining, USA

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Table 2 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
B*18:01:30	HG00005986	KC904398	Histogenetics, Ossining, USA
B*18:144	HG00019636	MK165862	Histogenetics, Ossining, USA
B*18:145	AN01026	LR027072	Steven GE Marsh, London, United Kingdom
B*18:157:01:01	DKMS-LSL-B-3075	LS999222	DKMS Life Sciences Lab, Dresden, Germany
B*27:02:01:04	AN01053	LR027052	Steven GE Marsh, London, United Kingdom
B*27:02:01:04	BY01664	MK279527	Carolyn K Hurley, Washington DC, USA
B*27:03	BY01621	MK208891	Carolyn K Hurley, Washington DC, USA
B*27:05:07	BY01665	MK279528	Carolyn K Hurley, Washington DC, USA
B*27:05:33	HG00012059	KX173350	Histogenetics, Ossining, USA
B*27:05:33	HG00018774	MK032337	Histogenetics, Ossining, USA
B*27:05:34	BY01215	KJ623753	Carolyn K Hurley, Washington DC, USA
B*27:05:34	DKMS-LSL-B-3205	LS999368	DKMS Life Sciences Lab, Dresden, Germany
B*27:174	HG00019639	MK165865	Histogenetics, Ossining, USA
B*35:01:01:02	DKMS-LSL-B-3098	LS999246	DKMS Life Sciences Lab, Dresden, Germany
B*35:01:45	DKMS-LSL-B-3145	LS999300	DKMS Life Sciences Lab, Dresden, Germany
B*35:01:45	DKMS-LSL-B-3190	LS999351	DKMS Life Sciences Lab, Dresden, Germany
B*35:03:01:03	AN01030	LR027085	Steven GE Marsh, London, United Kingdom
B*35:03:19	DKMS-LSL-B-3100	LS999248	DKMS Life Sciences Lab, Dresden, Germany
B*35:03:25	DKMS-LSL-B-3171	LS999331	DKMS Life Sciences Lab, Dresden, Germany
B*35:04:02	BY01611	MK208888	Carolyn K Hurley, Washington DC, USA
B*35:08:01:01	DKMS-LSL-B-3106	LS999254	DKMS Life Sciences Lab, Dresden, Germany
B*35:08:01:01	DKMS-LSL-B-3219	LS999387	DKMS Life Sciences Lab, Dresden, Germany
B*35:123	BY01668	MK279530	Carolyn K Hurley, Washington DC, USA
B*35:12:03	BY01643	MK208896	Carolyn K Hurley, Washington DC, USA
B*35:15:02	DKMS-LSL-B-3156	LS999314	DKMS Life Sciences Lab, Dresden, Germany
B*35:16	BY01633, BY01641	MK208894	Carolyn K Hurley, Washington DC, USA
B*35:17:01	BY01608, BY01626, BY01615, BY01634	MK208886	Carolyn K Hurley, Washington DC, USA
B*35:241	BY01627	MK208892	Carolyn K Hurley, Washington DC, USA
B*35:248	DKMS-LSL-B-3105	LS999253	DKMS Life Sciences Lab, Dresden, Germany
B*35:285	DKMS-LSL-B-3168	LS999328	DKMS Life Sciences Lab, Dresden, Germany
B*35:285	DKMS-LSL-B-3169	LS999329	DKMS Life Sciences Lab, Dresden, Germany
B*35:288	DKMS-LSL-B-3113	LS999263	DKMS Life Sciences Lab, Dresden, Germany
B*35:351	DKMS-LSL-B-3177	LS999338	DKMS Life Sciences Lab, Dresden, Germany
B*35:352	DKMS-LSL-B-3096	LS999244	DKMS Life Sciences Lab, Dresden, Germany
B*35:361	HG00018273	MH802084	Histogenetics, Ossining, USA
B*35:365	HG00018323	MH973925	Histogenetics, Ossining, USA
B*35:382	HG00018768	MK032331	Histogenetics, Ossining, USA
B*35:393	DKMS-LSL-B-2761	LS480804	DKMS Life Sciences Lab, Dresden, Germany
B*35:395	HG00016728	MH294673	Histogenetics, Ossining, USA
B*38:01:04	HG00015701	JN124370	Histogenetics, Ossining, USA
B*39:01:05	HG00015723, HG00015724	GQ245719, GQ245720	Histogenetics, Ossining, USA
B*39:05:03	HG00018332	MH973935	Histogenetics, Ossining, USA
B*39:06:02:02	BY01608, BY01632, BY01644, BY01631, BY01622	MK208887	Carolyn K Hurley, Washington DC, USA
B*39:123	HN-50492-6	FJ976865	Histogenetics, Ossining, USA
B*39:84	DKMS-LSL-B-3115	LS999265	DKMS Life Sciences Lab, Dresden, Germany
B*40:01:46	HG00014822	MF170505	Histogenetics, Ossining, USA
B*40:01:50	HG00017262	MH595793	Histogenetics, Ossining, USA
B*40:06:01:01	DKMS-LSL-B-3141	LS999296	DKMS Life Sciences Lab, Dresden, Germany
B*40:06:17	HG00015440	MG769768	Histogenetics, Ossining, USA
B*40:06:17	HG00018333	MH973936	Histogenetics, Ossining, USA
B*40:08	BY01614, BY01657, BY01637	MK208889	Carolyn K Hurley, Washington DC, USA
B*40:111	60641406	MK182269	Antonio Balas, Madrid, Spain
B*40:119	60815112	MK224840	Antonio Balas, Madrid, Spain
B*40:125:02	DKMS-LSL-B- 3088_4002new	LS999236	DKMS Life Sciences Lab, Dresden, Germany
B*40:20:01:01	BY01642	MK208895	Carolyn K Hurley, Washington DC, USA
B*40:290	DKMS-LSL-B-3109	LS999258	DKMS Life Sciences Lab, Dresden, Germany
B*40:304	DKMS-LSL-B-3181	LS999342	DKMS Life Sciences Lab, Dresden, Germany
B*40:310	DKMS-LSL-B-3127	LS999280	DKMS Life Sciences Lab, Dresden, Germany
B*40:366	HG00016475	MH215831	Histogenetics, Ossining, USA
B*40:389	HG00018129	MH802080	Histogenetics, Ossining, USA
B*40:404	HG00018772	MK032335	Histogenetics, Ossining, USA
B*41:01:01:01	DKMS-LSL-B-3209	LS999373	DKMS Life Sciences Lab, Dresden, Germany
B*41:02:01:01	DKMS-LSL-B-3118	LS999269	DKMS Life Sciences Lab, Dresden, Germany
B*41:02:01:01	DKMS-LSL-B-3130	LS999283	DKMS Life Sciences Lab, Dresden, Germany
B*41:42	DKMS-LSL-B-3124	LS999277	DKMS Life Sciences Lab, Dresden, Germany
B*41:51	DKMS-LSL-B-2600	LS423031	DKMS Life Sciences Lab, Dresden, Germany
B*44:02:33	DKMS-LSL-B-3087	LS999234	DKMS Life Sciences Lab, Dresden, Germany
B*44:02:44	DKMS-LSL-B-3116	LS999267	DKMS Life Sciences Lab, Dresden, Germany
B*44:02:44	DKMS-LSL-B-3174	LS999334	DKMS Life Sciences Lab, Dresden, Germany

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Table 2 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
B*44:05:01	DKMS-LSL-B-3213	LS999379	DKMS Life Sciences Lab, Dresden, Germany
B*44:211	DKMS-LSL-B-3198	LS999360	DKMS Life Sciences Lab, Dresden, Germany
B*44:221	DKMS-LSL-B-3106	LS999255	DKMS Life Sciences Lab, Dresden, Germany
B*44:270:02	HG00018659	MK005623	Histogenetics, Ossining, USA
B*44:27:01:01	DKMS-LSL-B-3148	LS999303	DKMS Life Sciences Lab, Dresden, Germany
B*44:298	HG00016067	MH173382	Histogenetics, Ossining, USA
B*44:32	AN01081	LR027036	Steven GE Marsh, London, United Kingdom
B*45:01:05	HG00019638	MK165864	Histogenetics, Ossining, USA
B*45:16	DKMS-LSL-B-3077	LS999224	DKMS Life Sciences Lab, Dresden, Germany
B*48:03:01	BY01655	MK208898	Carolyn K Hurley, Washington DC, USA
B*48:43	HG00018367	MH973970	Histogenetics, Ossining, USA
B*49:01:08	DKMS-LSL-B-3081	LS999228	DKMS Life Sciences Lab, Dresden, Germany
B*49:38	HG00007868	KF882441	Histogenetics, Ossining, USA
B*50:01:10	DKMS-LSL-B-3092	LS999240	DKMS Life Sciences Lab, Dresden, Germany
B*50:02	DKMS-LSL-B-3133	LS999287	DKMS Life Sciences Lab, Dresden, Germany
B*50:52	DKMS-LSL-B-3194	LS999356	DKMS Life Sciences Lab, Dresden, Germany
B*51:01:54	HG00010694	KT282153	Histogenetics, Ossining, USA
B*51:01:59	HG00012601	KX845439	Histogenetics, Ossining, USA
B*51:01:61	AN00560	LR027000	Steven GE Marsh, London, United Kingdom
B*51:01:66	HG00012295, HG00012296, HG00012297	KX646305, KX646306, KX711918	Histogenetics, Ossining, USA
B*51:02:06	HG00018320	MH973920	Histogenetics, Ossining, USA
B*51:07:01	B7_158279	KU319320	Konstantinos Barsakis, Palo Alto, USA
B*51:07:01	DKMS-LSL-B-3150	LS999307	DKMS Life Sciences Lab, Dresden, Germany
B*51:190	DKMS-LSL-B-3083	LS999230	DKMS Life Sciences Lab, Dresden, Germany
B*51:190	DKMS-LSL-B-3101	LS999249	DKMS Life Sciences Lab, Dresden, Germany
B*51:190	DKMS-LSL-B-3204	LS999367	DKMS Life Sciences Lab, Dresden, Germany
B*51:267	DKMS-LSL-B-2771	LS480814	DKMS Life Sciences Lab, Dresden, Germany
B*52:01:01:02	DKMS-LSL-B-3154	LS999312	DKMS Life Sciences Lab, Dresden, Germany
B*52:75	HG00017315	MH721246	Histogenetics, Ossining, USA
B*52:77	HG00018662	MK005626	Histogenetics, Ossining, USA
B*52:80	HG00018385	MH973988	Histogenetics, Ossining, USA
B*53:01:16	HG00011060	KT895309	Histogenetics, Ossining, USA
B*53:01:17	HG00012243	KX499420	Histogenetics, Ossining, USA
B*55:01:13	HG00015717	KM198212	Histogenetics, Ossining, USA
B*56:01:09	HG00011068	KT984962	Histogenetics, Ossining, USA
B*56:01:09	DKMS-LSL-B-3158	LS999316	DKMS Life Sciences Lab, Dresden, Germany
B*56:52	AN01073	LR027011	Steven GE Marsh, London, United Kingdom
B*56:55:01:02	HG00016738	MH347601	Histogenetics, Ossining, USA
B*56:61	DKMS-LSL-B-3131	LS999284	DKMS Life Sciences Lab, Dresden, Germany
B*57:01:29	HG00010842	KT760504	Histogenetics, Ossining, USA
B*57:01:30	HG00011595	KU992484	Histogenetics, Ossining, USA
B*57:01:32	HG00010691	KT361890	Histogenetics, Ossining, USA
B*57:01:33	HG00011063	KT943427	Histogenetics, Ossining, USA
B*57:108	DKMS-LSL-B-3148	LS999304	DKMS Life Sciences Lab, Dresden, Germany
B*57:108	DKMS-LSL-B-3159	LS999317	DKMS Life Sciences Lab, Dresden, Germany
B*57:95	HG00018283	MH824590	Histogenetics, Ossining, USA
B*58:01:27	HG00011425	KU668739	Histogenetics, Ossining, USA
B*58:01:28	HG00018347	MH973950	Histogenetics, Ossining, USA
C*01:02:01:11	DKMS-LSL-C-3044	LS992429	DKMS Life Sciences Lab, Dresden, Germany
C*01:127	AN01021	LR027060	Steven GE Marsh, London, United Kingdom
C*01:157	HG00018418	MH913458	Histogenetics, Ossining, USA
C*02:02:02:13	AN01044	LR027030	Steven GE Marsh, London, United Kingdom
C*02:02:38	HG00011452, HG00011453	KU668784, KU668782	Histogenetics, Ossining, USA
C*02:02:43	HG00010734	KT235660	Histogenetics, Ossining, USA
C*02:03	AN00113	LT575548	Steven GE Marsh, London, United Kingdom
C*02:13	HG00015742, HG00015743	GQ240461, GQ240403	Histogenetics, Ossining, USA
C*02:142	HG00018802	MK032401	Histogenetics, Ossining, USA
C*02:14:02	AN00641	LR027009	Steven GE Marsh, London, United Kingdom
C*02:151	KRI19227, KRI12743, KRI3086, KRI3358, KRI104, KRI6943	MK138542	Maria Loginova, Kirov, Russia
C*03:03:01:02	DKMS-LSL-C-2849	LS990991	DKMS Life Sciences Lab, Dresden, Germany
C*03:03:38	HG00010478	KT191000	Histogenetics, Ossining, USA
C*03:03:39	AN01059	LR027068	Steven GE Marsh, London, United Kingdom
C*03:03:46	HG00018524	MH974071	Histogenetics, Ossining, USA
C*03:04:53	HG00010744	KT355370	Histogenetics, Ossining, USA
C*03:04:59	HG00012319	KX646318	Histogenetics, Ossining, USA
C*03:04:65	HG00013412	MF170329	Histogenetics, Ossining, USA
C*03:04:68	HG00010172	KP996259	Histogenetics, Ossining, USA
C*03:04:71	D319406	LR030979	Edward KL Yang, Hualien, Taiwan

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Table 2 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
C*03:06:01	BY01613, BY01615, BY01629	MK225285	Carolyn K Hurley, Washington DC, USA
C*03:179	BY01635	MK225290	Carolyn K Hurley, Washington DC, USA
C*03:17:01	AN00651	LR027014	Steven GE Marsh, London, United Kingdom
C*03:336	DKMS-LSL-C-2976	LS992361	DKMS Life Sciences Lab, Dresden, Germany
C*03:379	HG00003204, HG00003205	JN561737, GQ900565	Histogenetics, Ossining, USA
C*03:379	HN-44200-2	GQ900565	Histogenetics, Ossining, USA
C*03:385	DKMS-LSL-C-2944	LS992326	DKMS Life Sciences Lab, Dresden, Germany
C*03:392N	HG00014937	MG769820	Histogenetics, Ossining, USA
C*03:404	29547	MH918669	Kelly Ingram, Winston-Salem, USA
C*03:404	HG00011833	KX060775	Histogenetics, Ossining, USA
C*03:415	DKMS-LSL-C-3016	LS992402	DKMS Life Sciences Lab, Dresden, Germany
C*03:422	HG00018508	MH974055	Histogenetics, Ossining, USA
C*03:441	HG00018516	MH974063	Histogenetics, Ossining, USA
C*04:01:01:05	DKMS-LSL-C-2978, DKMS-LSL-C-3052	LS992364, LS992438	DKMS Life Sciences Lab, Dresden, Germany
C*04:01:01:05	DKMS-LSL-C-3052	LS992438	DKMS Life Sciences Lab, Dresden, Germany
C*04:01:01:05	BY01623	MK225287	Carolyn K Hurley, Washington DC, USA
C*04:01:104	HG00010740	KT282173	Histogenetics, Ossining, USA
C*04:01:107	HG00011646	KU853061	Histogenetics, Ossining, USA
C*04:01:64	BY01648	MK225293	Carolyn K Hurley, Washington DC, USA
C*04:01:76	HG00013148	MF142097	Histogenetics, Ossining, USA
C*04:01:81	HG00012325	KX646314	Histogenetics, Ossining, USA
C*04:01:88	HG00011461	KU668759	Histogenetics, Ossining, USA
C*04:01:94	HG00018502	MH974049	Histogenetics, Ossining, USA
C*04:289	BY01669	MK279531	Carolyn K Hurley, Washington DC, USA
C*04:326	DKMS-LSL-C-3064	LS992451	DKMS Life Sciences Lab, Dresden, Germany
C*04:333	HG00019021, HG00019281	MH924954, MK143765	Histogenetics, Ossining, USA
C*05:01:01:15	DKMS-LSL-C-2598	LS398681	DKMS Life Sciences Lab, Dresden, Germany
C*05:09:01	BY01670	MK279532	Carolyn K Hurley, Washington DC, USA
C*05:13	HG00015736, HG00015737, HG00015738	GQ240413, GQ240414, GQ254361	Histogenetics, Ossining, USA
C*05:158	HG00019229	MK143712	Histogenetics, Ossining, USA
C*05:160	HG00018557	MH974107	Histogenetics, Ossining, USA
C*05:46	AN00100	LT575536	Steven GE Marsh, London, United Kingdom
C*06:02:01:10	AN01050	LR027045	Steven GE Marsh, London, United Kingdom
C*06:02:01:13	AN01043	LR027028	Steven GE Marsh, London, United Kingdom
C*06:02:25	HG00015730	GQ149312	Histogenetics, Ossining, USA
C*06:02:52	HG00012620	KX790378	Histogenetics, Ossining, USA
C*06:02:57	HG00012621	KY069146	Histogenetics, Ossining, USA
C*06:02:59	HG00015369	KF577617	Histogenetics, Ossining, USA
C*06:02:62	HG00011092	KT984967	Histogenetics, Ossining, USA
C*06:02:65	HG00010710	KT315602	Histogenetics, Ossining, USA
C*06:226	DKMS-LSL-C-3043	LS992428	DKMS Life Sciences Lab, Dresden, Germany
C*06:232	HG00018408	MH824617	Histogenetics, Ossining, USA
C*06:38	AN00101	LT575538	Steven GE Marsh, London, United Kingdom
C*07:01:01:04	DKMS-LSL-C-2967	LS992350	DKMS Life Sciences Lab, Dresden, Germany
C*07:01:02	BY01656	MK225295	Carolyn K Hurley, Washington DC, USA
C*07:01:08	HG00015733	GQ240430	Histogenetics, Ossining, USA
C*07:01:58	HG00010059	KP792211	Histogenetics, Ossining, USA
C*07:01:65	HG00010681	KT282177	Histogenetics, Ossining, USA
C*07:01:73	HG00010873	KT760523	Histogenetics, Ossining, USA
C*07:01:74	AL00000104	KY454805	Histogenetics, Ossining, USA
C*07:02:01:18	AN01057	LR027064	Steven GE Marsh, London, United Kingdom
C*07:02:01:19	AN00901	LT963290	Steven GE Marsh, London, United Kingdom
C*07:02:102	HG00012810	KY296572	Histogenetics, Ossining, USA
C*07:02:18	HG00015735	FJ489879	Histogenetics, Ossining, USA
C*07:02:20	BY01666, BY01667	MK279529	Carolyn K Hurley, Washington DC, USA
C*07:02:80	AN01064	LR027080	Steven GE Marsh, London, United Kingdom
C*07:02:85	HG00014635	MG769781	Histogenetics, Ossining, USA
C*07:02:89	HG00010881	KT760526	Histogenetics, Ossining, USA
C*07:02:94	HG00012113	KX266779	Histogenetics, Ossining, USA
C*07:04:14	HG00010164	KR003373	Histogenetics, Ossining, USA
C*07:10	AN00111	LT575546	Steven GE Marsh, London, United Kingdom
C*07:172:01	DKMS-LSL-C-3046	LS992431	DKMS Life Sciences Lab, Dresden, Germany
C*07:17:01	BY01653	MK225294	Carolyn K Hurley, Washington DC, USA
C*07:18:01:01	DKMS-LSL-C-3063	LS992450	DKMS Life Sciences Lab, Dresden, Germany
C*07:572	DKMS-LSL-C-2967	LS992349	DKMS Life Sciences Lab, Dresden, Germany
C*07:595	D300772	ls997574	Edward KL Yang, Hualien, Taiwan
C*07:634	HG00018791	MK032390	Histogenetics, Ossining, USA
C*07:639	DKMS-LSL-C-3060	LS992446	DKMS Life Sciences Lab, Dresden, Germany
C*07:639	HG00018442	MH924930	Histogenetics, Ossining, USA

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Table 2 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
C*07:646	DKMS-LSL-C-3041	LS992426	DKMS Life Sciences Lab, Dresden, Germany
C*07:663Q	DKMS-LSL-C-1935, DKMS-LSL-C-2678	LT966292, LS453210	DKMS Life Sciences Lab, Dresden, Germany
C*07:663Q	HG00018676	MK005652	Histogenetics, Ossining, USA
C*07:674	BEL7MON	KU319195	Konstantinos Barsakis, Palo Alto, USA
C*07:674	HG00019277	MK143761	Histogenetics, Ossining, USA
C*07:681	DKMS-LSL-C-2928	LS992309	DKMS Life Sciences Lab, Dresden, Germany
C*07:684	AN00955	LR027044	Steven GE Marsh, London, United Kingdom
C*07:684	AN01071	LR027005	Steven GE Marsh, London, United Kingdom
C*07:708	HG00018415	MH913455	Histogenetics, Ossining, USA
C*08:01:24	HG00012816	KY296568	Histogenetics, Ossining, USA
C*08:04:01	BY01638	MK225292	Carolyn K Hurley, Washington DC, USA
C*08:147	D409970	LR028042	Edward KL Yang, Hualien, Taiwan
C*08:161N	HG00016413	MH183070	Histogenetics, Ossining, USA
C*08:173N	DKMS-LSL-C-2722	LS453254	DKMS Life Sciences Lab, Dresden, Germany
C*12:02:16	HG00011443	KU748656	Histogenetics, Ossining, USA
C*12:02:18	HG00010476	KR868793	Histogenetics, Ossining, USA
C*12:02:22	HG00013706	MG584054	Histogenetics, Ossining, USA
C*12:02:23	HG00011633	KU963047	Histogenetics, Ossining, USA
C*12:03:38	HG00010168	KP872794	Histogenetics, Ossining, USA
C*12:03:42	HG00011446	KU725858	Histogenetics, Ossining, USA
C*12:03:44	HG00011447	KU668775	Histogenetics, Ossining, USA
C*12:03:48	HG00011099	KT968847	Histogenetics, Ossining, USA
C*12:03:51	HG00012130	KX173388	Histogenetics, Ossining, USA
C*12:03:52	HG00012126	KX425988	Histogenetics, Ossining, USA
C*12:21	HG00015739	GQ240405	Histogenetics, Ossining, USA
C*12:244	HG00018501	MH974048	Histogenetics, Ossining, USA
C*12:257	DKMS-LSL-C-2974	LS992358	DKMS Life Sciences Lab, Dresden, Germany
C*12:258	HG00018790	MK032389	Histogenetics, Ossining, USA
C*12:261	AN01029	LR027082	Steven GE Marsh, London, United Kingdom
C*14:02:01:08	DKMS-LSL-C-3047	LS992432	DKMS Life Sciences Lab, Dresden, Germany
C*14:02:22	HG00018504	MH974051	Histogenetics, Ossining, USA
C*14:02:22	HG00018517	MH974064	Histogenetics, Ossining, USA
C*14:02:24	HG00014888	MF142091	Histogenetics, Ossining, USA
C*14:02:26	MGM-12	MH587227	Vibhuti Rambani, Bangalore, India
C*14:02:26	HG00018492	MH974038	Histogenetics, Ossining, USA
C*14:03	BY01625	MK225288	Carolyn K Hurley, Washington DC, USA
C*14:102	AN00951	LR027034	Steven GE Marsh, London, United Kingdom
C*14:103	HG00018667	MK005641	Histogenetics, Ossining, USA
C*14:95	HG00012612	KY196376	Histogenetics, Ossining, USA
C*15:02:01:02	BY01625	MK225289	Carolyn K Hurley, Washington DC, USA
C*15:05:01:01	LEO23	KU319212	Konstantinos Barsakis, Palo Alto, USA
C*15:05:07	HG00015745	KP131495	Histogenetics, Ossining, USA
C*15:09	BY01636	MK225291	Carolyn K Hurley, Washington DC, USA
C*15:11	AN00147	LT575658	Steven GE Marsh, London, United Kingdom
C*16:01:01:06	DKMS-LSL-C-3015	LS992401	DKMS Life Sciences Lab, Dresden, Germany
C*16:134	DKMS-LSL-C-3061	LS992447	DKMS Life Sciences Lab, Dresden, Germany
C*17:01:01:05	BY01621, BY01650	MK225286	Carolyn K Hurley, Washington DC, USA
C*17:03:01:03	AN01042	LR027025	Steven GE Marsh, London, United Kingdom
C*18:02:02	HG00005263	JX667727	Histogenetics, Ossining, USA
F*01:01:01:01	LOM, GUI	MH918665	Julie di Cristofaro, Marseille, France
F*01:01:01:08	KHO	MH918666	Julie di Cristofaro, Marseille, France
F*01:01:01:09	ABO	MH918667	Julie di Cristofaro, Marseille, France
F*01:01:01:11	DIC	MH918668	Julie di Cristofaro, Marseille, France
F*01:01:02:07	LOM	MH458416	Julie di Cristofaro, Marseille, France
F*01:03:01:03	GUI	MH458419	Julie di Cristofaro, Marseille, France
DRB1*01:77	AN00057	LT575650, LT596617	Steven GE Marsh, London, United Kingdom
DRB1*01:87	HG00019556	MK143903	Histogenetics, Ossining, USA
DRB1*01:91Q	HG00014577, HG00015177, HG00015180, HG00015191, HG00015201, HG00015207, HG00013801	MG756884, MG769834, MG769837, MG769848, MG805428, MG805434, MG603158	Histogenetics, Ossining, USA
DRB1*01:91Q	HG00019522	MK143864	Histogenetics, Ossining, USA
DRB1*03:154	HG00018606	MH973997	Histogenetics, Ossining, USA
DRB1*04:231	M-133818	LN997808	Kristin Kipper, Martinsried, Germany
DRB1*04:248	HG00019500	MK143839	Histogenetics, Ossining, USA
DRB1*08:86	HG00019549	MK143893	Histogenetics, Ossining, USA
DRB1*11:03:03	HG00019486	MK143823	Histogenetics, Ossining, USA
DRB1*12:69	HG00014190, HG00019510	MK143848, MK143850	Histogenetics, Ossining, USA
DRB1*13:01:19	HG00019700	MK165904	Histogenetics, Ossining, USA

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Table 2 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
DRB1*13:01:21	HG00019470	MK143806	Histogenetics, Ossining, USA
DRB1*13:01:23	HG00011150	KT895332	Histogenetics, Ossining, USA
DRB1*13:03:07	HG00019513	MK143853	Histogenetics, Ossining, USA
DRB1*14:02:05	HG00019503, HG00019546	MK143842, MK143890	Histogenetics, Ossining, USA
DRB1*14:54:07	HG00019491	MK143828	Histogenetics, Ossining, USA
DRB1*15:13	HG00011666	KU947990	Histogenetics, Ossining, USA
DRB1*15:151	HG00019524	MK143866	Histogenetics, Ossining, USA
DRB3*01:01:02:01	COX	MH733607	Steven GE Marsh, London, United Kingdom
DRB3*01:12	JM31	LC257938	Takashi Shiina, Isehara, Japan
DRB3*03:01:01	T402	LC257945	Takashi Shiina, Isehara, Japan
DRB3*03:01:03	T7527	MH892055	Steven GE Marsh, London, United Kingdom
DRB4*01:02	CML	MH892053	Steven GE Marsh, London, United Kingdom
DRB4*01:03:01:02- N	MYE 2004	KX687298	Konstantinos Barsakis, Palo Alto, USA
DRB4*01:03:01:02- N	MYE 2004	MK192689	Steven GE Marsh, London, United Kingdom
DRB4*01:03:01:03	SSTO	MH892052	Steven GE Marsh, London, United Kingdom
DRB4*01:03:01:03	FH12	MK170167	Steven GE Marsh, London, United Kingdom
DRB4*01:03:01:04	EAV, AC	MK170166	Steven GE Marsh, London, United Kingdom
DRB4*01:03:02	FKD4010302E1	KX687302	Konstantinos Barsakis, Palo Alto, USA
DRB4*01:03:05	HG00012723	KX845461	Histogenetics, Ossining, USA
DRB4*01:03:07	HG00011760	KU963113	Histogenetics, Ossining, USA
DRB4*01:03:09	HG00013481	MF170374	Histogenetics, Ossining, USA
DRB4*01:03:09	HG00019054	MK095501	Histogenetics, Ossining, USA
DRB4*01:76	HG00017573	MH758970	Histogenetics, Ossining, USA
DRB5*01:02	BGE	MH892054	Steven GE Marsh, London, United Kingdom
DRB5*01:02	T067	LC257958	Takashi Shiina, Isehara, Japan
DRB5*01:27N	ISOS814138AN	LT626077	Steven GE Marsh, London, United Kingdom
DRB5*01:36	HG00018619	MH913475	Histogenetics, Ossining, USA
DRB5*01:46	HG00018105	MH913473	Histogenetics, Ossining, USA
DRB5*02:02:01	RML	MK040594	Steven GE Marsh, London, United Kingdom
DRB5*02:02:01	AZH	MK170173	Steven GE Marsh, London, United Kingdom
DRB5*02:02:01	JM43	LC257959	Takashi Shiina, Isehara, Japan
DRB5*02:02:02	HG00010942	KT781586	Histogenetics, Ossining, USA
DRB5*02:21	4141097	MH645229	Jonathan Visentin, Bordeaux, France
DRB5*02:21	011814702794	MK026201	Faisal Aloufi, Riyadh, Saudi Arabia
DRB5*02:21	HG00019732	MK165972	Histogenetics, Ossining, USA
DQB1*02:01:26	HG00017892	MH779171	Histogenetics, Ossining, USA
DQB1*02:01:27	HG00019428	MK143969	Histogenetics, Ossining, USA
DQB1*02:02:04	HG00015100	MF170417	Histogenetics, Ossining, USA
DQB1*02:02:08	HG00016290	MH173655	Histogenetics, Ossining, USA
DQB1*02:04	AN00119	LT575593	Steven GE Marsh, London, United Kingdom
DQB1*02:108	HG00014336	MG724910	Histogenetics, Ossining, USA
DQB1*02:108	HG00017930	MH779212	Histogenetics, Ossining, USA
DQB1*02:108	HG00019436, HG00019442, HG00019407	MK143978, MK143984, MK143944	Histogenetics, Ossining, USA
DQB1*02:113	HG00019047	MK095492	Histogenetics, Ossining, USA
DQB1*02:118	HG00019424	MK143963	Histogenetics, Ossining, USA
DQB1*02:122	HG00019433	MK143975	Histogenetics, Ossining, USA
DQB1*02:26	AN00136	LT575596	Steven GE Marsh, London, United Kingdom
DQB1*03:01:14	HG00015758, HG00015759	KP131508, KM216204	Histogenetics, Ossining, USA
DQB1*03:01:40	HG00017920	MH779202	Histogenetics, Ossining, USA
DQB1*03:01:40	HG00019049	MK095495	Histogenetics, Ossining, USA
DQB1*03:01:42	HG00011120	KT844486	Histogenetics, Ossining, USA
DQB1*03:03:17	HG00015099	MF170413	Histogenetics, Ossining, USA
DQB1*03:284	HG00017937	MH779219	Histogenetics, Ossining, USA
DQB1*03:284	HG00018942	MK058593	Histogenetics, Ossining, USA
DQB1*03:290	HG00015660	MG930731	Histogenetics, Ossining, USA
DQB1*03:290	HG00019691	MK165880	Histogenetics, Ossining, USA
DQB1*03:293	HG00017940	MH779222	Histogenetics, Ossining, USA
DQB1*03:319	HG00019417	MK143956	Histogenetics, Ossining, USA
DQB1*03:329	HG00019415	MK143952	Histogenetics, Ossining, USA
DQB1*04:02:15	HG00019422	MK143961	Histogenetics, Ossining, USA
DQB1*04:43	HG00017913	MH779194	Histogenetics, Ossining, USA
DQB1*04:51	HG00018581	MH913481	Histogenetics, Ossining, USA
DQB1*04:52	HG00017458, HG00017893	MH721389, MH779172	Histogenetics, Ossining, USA
DQB1*05:01:01:05	011814102940	MH536737	Ali Hajeer, Riyadh, Saudi Arabia
DQB1*05:01:30	HG00010907	KT600127	Histogenetics, Ossining, USA
DQB1*05:02:18	HG00016303, HG00016304	MH173670, MH173671	Histogenetics, Ossining, USA
DQB1*05:04	4130417003	MF045359	Talitha de Hoop, Utrecht, The Netherlands

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Table 2 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
DQB1*05:159	HG00019419	MK143958	Histogenetics, Ossining, USA
DQB1*05:165	HG00017463	MH721394	Histogenetics, Ossining, USA
DQB1*05:173	HG00019439	MK143981	Histogenetics, Ossining, USA
DQB1*06:01:18	HG00013428	MF170408	Histogenetics, Ossining, USA
DQB1*06:01:19	HG00013430, HG00013431	MF381951, MF381950	Histogenetics, Ossining, USA
DQB1*06:02:30	HG00017880	MH758885	Histogenetics, Ossining, USA
DQB1*06:02:32	HG00017936	MH779218	Histogenetics, Ossining, USA
DQB1*06:09:01:01	CC	LT963651	Steven GE Marsh, London, United Kingdom
DQB1*06:182	HG00009728	KP279728	Histogenetics, Ossining, USA
DQB1*06:248	c1497291	MK234889	Francisco de Paula Sanchez Gordo, Malaga, Spain
DQB1*06:251	HG00018828	MH347728	Histogenetics, Ossining, USA
DQB1*06:255	HG00017962	MH779244	Histogenetics, Ossining, USA
DQB1*06:269	HG00017976	MH779259	Histogenetics, Ossining, USA
DQB1*06:273	HG00019421	MK143960	Histogenetics, Ossining, USA
DQB1*06:286	HG00017917	MH779199	Histogenetics, Ossining, USA
DQB1*06:299	HG00018929	MK058579	Histogenetics, Ossining, USA
DPA1*01:03:01:15	AZL	MK170168	Steven GE Marsh, London, United Kingdom
DPA1*01:03:01:15	KT12	MK170170	Steven GE Marsh, London, United Kingdom
DPA1*03:01:01	SHJO	MK105896	Steven GE Marsh, London, United Kingdom
DPB1*02:01:02:35	DKMS-LSL-DPB1-2887	LS990971	DKMS Life Sciences Lab, Dresden, Germany
DPB1*02:01:21	HG00011171	KT968864	Histogenetics, Ossining, USA
DPB1*02:01:22	DKMS-LSL-DPB1-2888	LS990972	DKMS Life Sciences Lab, Dresden, Germany
DPB1*02:01:22	DKMS-LSL-DPB1-2889	LS990973	DKMS Life Sciences Lab, Dresden, Germany
DPB1*02:01:23	HG00019298, HG00019323, HG00019327	MK144022, MK144047, MK144051	Histogenetics, Ossining, USA
DPB1*02:01:25	DKMS-LSL-DPB1-2903	LS990987	DKMS Life Sciences Lab, Dresden, Germany
DPB1*02:01:25	DKMS-LSL-DPB1-2906	LS990990	DKMS Life Sciences Lab, Dresden, Germany
DPB1*02:01:27	HG00010522	KT037071	Histogenetics, Ossining, USA
DPB1*02:01:29	HG00013197	MF034452	Histogenetics, Ossining, USA
DPB1*02:01:37	DKMS-LSL-DPB1-2897	LS990981	DKMS Life Sciences Lab, Dresden, Germany
DPB1*04:01:01:01	DKMS-LSL-DPB1-2885	LS990969	DKMS Life Sciences Lab, Dresden, Germany
DPB1*04:01:01:04	DKMS-LSL-DPB1-2866	LS990950	DKMS Life Sciences Lab, Dresden, Germany
DPB1*04:01:34	DKMS-LSL-DPB1-1724	LT882749	DKMS Life Sciences Lab, Dresden, Germany
DPB1*04:01:34	HG00014203	MG584137	Histogenetics, Ossining, USA
DPB1*04:02:11	HG00012223	KU350653	Histogenetics, Ossining, USA
DPB1*04:02:12	HG00019377, HG00019684	MK144104, MK165940	Histogenetics, Ossining, USA
DPB1*04:02:13	DKMS-LSL-DPB1-2902	LS990986	DKMS Life Sciences Lab, Dresden, Germany
DPB1*04:02:13	DKMS-LSL-DPB1-2904	LS990988	DKMS Life Sciences Lab, Dresden, Germany
DPB1*104:01:01:02	DKMS-LSL-DPB1-2871	LS990955	DKMS Life Sciences Lab, Dresden, Germany
DPB1*124:01:02:01	DKMS-LSL-DPB1-1633	LS480671	DKMS Life Sciences Lab, Dresden, Germany
DPB1*133:01	ABE4804	MH891499	Jeremy Sherrill, Ann Arbor, USA
DPB1*136:01	DKMS-LSL-DPB1-1642	LS480674	DKMS Life Sciences Lab, Dresden, Germany
DPB1*13:01:03	HG00014216	MG584150	Histogenetics, Ossining, USA
DPB1*14:01:05	HG00011302	KU302294	Histogenetics, Ossining, USA
DPB1*14:01:05	DKMS-LSL-DPB1-2859	LS990943	DKMS Life Sciences Lab, Dresden, Germany
DPB1*14:01:05	DKMS-LSL-DPB1-2860	LS990944	DKMS Life Sciences Lab, Dresden, Germany
DPB1*14:01:05	DKMS-LSL-DPB1-2861	LS990945	DKMS Life Sciences Lab, Dresden, Germany
DPB1*14:01:08	HG00012742	KX790409	Histogenetics, Ossining, USA
DPB1*17:01:02	HG00011299	KU302299	Histogenetics, Ossining, USA
DPB1*17:01:02	HG00018912	MK058562	Histogenetics, Ossining, USA
DPB1*445:01	HG00012510, HG00012511, HG00012512, HG00012513, HG00012514, HG00012515, HG00012516	KX266807, KX790406, KX499436, KX790407, KX790408, KX765878, KY022521	Histogenetics, Ossining, USA
DPB1*460:01	DKMS-LSL-DPB1-2905	LS990989	DKMS Life Sciences Lab, Dresden, Germany
DPB1*526:01	HG00012504, HG00012505, HG00012506	KX845465, KX711962, KX499437	Histogenetics, Ossining, USA
DPB1*53:01	25700	MH891498	Jeremy Sherrill, Ann Arbor, USA
DPB1*584:01:02:01	DKMS-LSL-DPB1-1676	LS480693	DKMS Life Sciences Lab, Dresden, Germany
DPB1*640:01	UA16TP3588	LT707069	Mats Bengtsson, Uppsala, Sweden
DPB1*674:01	HG00005919, HG00005920	KC473892, KC632179	Histogenetics, Ossining, USA
DPB1*677:01	HG00006225, HG00006226, HG00006227, HG00006228, HG00006229, HG00006230	KC959373, KC632177, KC875991, KC875993, KC904485, KF015573	Histogenetics, Ossining, USA

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Table 2 (continued)

HLA Allele	Cell identification	Accession number	Submitting author
<i>DPB1*687:01</i>	PI18-3483	MK285362	Michele Curcio, Pisa, Italy
<i>DPB1*696:01N</i>	HG00014224	MG603240	Histogenetics, Ossining, USA
<i>DPB1*696:01N</i>	HG00017030, HG00017659, HG00017660	MH477580, MH758910, MH758911	Histogenetics, Ossining, USA
<i>DPB1*696:01N</i>	HG00017194	MH544371	Histogenetics, Ossining, USA
<i>DPB1*696:01N</i>	HG00017410	MH704684	Histogenetics, Ossining, USA
<i>DPB1*699:01</i>	HG00019295	MK144019	Histogenetics, Ossining, USA
<i>DPB1*700:01N</i>	DKMS-LSL- <i>DPB1</i> -1710	LT882734	DKMS Life Sciences Lab, Dresden, Germany
<i>DPB1*700:01N</i>	HG00019037, HG00019394	MK095500, MK144123	Histogenetics, Ossining, USA
<i>DPB1*700:01N</i>	HG00019686, HG00019687	MK165945, MK165946	Histogenetics, Ossining, USA
<i>DPB1*702:01</i>	AN00173	LT596621	Steven GE Marsh, London, United Kingdom
<i>DPB1*705:01</i>	DKMS-LSL- <i>DPB1</i> -1752, DKMS-LSL- <i>DPB1</i> -1751	LT883478, LT883477	DKMS Life Sciences Lab, Dresden, Germany
<i>DPB1*705:01</i>	DKMS-LSL- <i>DPB1</i> -2857	LS990941	DKMS Life Sciences Lab, Dresden, Germany
<i>DPB1*706:01</i>	HG00019334	MK144058	Histogenetics, Ossining, USA
<i>DPB1*724:01N</i>	DKMS-LSL- <i>DPB1</i> -2850	LS990933	DKMS Life Sciences Lab, Dresden, Germany
<i>DPB1*724:01N</i>	DKMS-LSL- <i>DPB1</i> -2851	LS990934	DKMS Life Sciences Lab, Dresden, Germany
<i>DPB1*728:01</i>	DKMS-LSL- <i>DPB1</i> -2901	LS990985	DKMS Life Sciences Lab, Dresden, Germany
<i>DPB1*736:01</i>	HG00016187, HG00016202, HG00016219, HG00016229, HG00016255, HG00016196, HG00016211	MH173681, MH173697, MH173715, MH173726, MH173753, MH173691, MH173706	Histogenetics, Ossining, USA
<i>DPB1*744:01</i>	HG00018893	MK058541	Histogenetics, Ossining, USA
<i>DPB1*744:01</i>	HG00019296, HG00019310, HG00019331, HG00019338, HG00019366, HG00019688	MK144020, MK144034, MK144055, MK144062, MK144093, MK165947	Histogenetics, Ossining, USA
<i>DPB1*762:01</i>	CC	LT992003	Steven GE Marsh, London, United Kingdom
<i>DPB1*762:01</i>	HG00018568	MH924989	Histogenetics, Ossining, USA
<i>DPB1*763:01</i>	HG00019337	MK144061	Histogenetics, Ossining, USA
<i>DPB1*765:01</i>	HG00019319	MK144043	Histogenetics, Ossining, USA
<i>DPB1*767:01</i>	HG00019375	MK144102	Histogenetics, Ossining, USA
<i>DPB1*786:01:01N</i>	DKMS-LSL- <i>DPB1</i> -2852, DKMS-LSL- <i>DPB1</i> -2854	LS990935, LS990937	DKMS Life Sciences Lab, Dresden, Germany
<i>DPB1*786:01:02N</i>	HG00019355, HG00019367	MK144081, MK144094	Histogenetics, Ossining, USA
<i>DPB1*804:01</i>	HG00019322	MK144046	Histogenetics, Ossining, USA
<i>DPB1*807:01</i>	HG00019370	MK144097	Histogenetics, Ossining, USA
<i>DPB1*813:01</i>	HG00019304	MK144028	Histogenetics, Ossining, USA
<i>DPB1*819:01</i>	DKMS-LSL- <i>DPB1</i> -2900	LS990984	DKMS Life Sciences Lab, Dresden, Germany
<i>DPB1*819:01</i>	HG00019302	MK144026	Histogenetics, Ossining, USA
<i>DPB1*835:01</i>	180831-68945	MK095939	Jeremy Sherrill, Ann Arbor, USA
<i>DPB1*835:01</i>	HG00016191, HG00016197, HG00016201, HG00016223, HG00016244, HG00016251, HG00016253, HG00014542, HG00014643, HG00015061, HG00015075, HG00015068, HG00015074, HG00015086, HG00016240, HG00016537, HG00017407, HG00017741, HG00017757	MH173686, MH173692, MH173696, MH173719, MH173741, MH173748, MH173750, MG756993, MG805508, MG805514, MG805528, MG805521, MG805527, MG805539, MH173737, MH215984, MH704681, MH779328, MH779344	Histogenetics, Ossining, USA
<i>DPB1*835:01</i>	29718	MK049073	Kelly Ingram, Winston-Salem, USA
<i>DPB1*843:01</i>	HG00018887	MK058534	Histogenetics, Ossining, USA
<i>DPB1*854:01</i>	HG00018883	MK058530	Histogenetics, Ossining, USA
<i>DPB1*861:01</i>	HG00019345	MK144069	Histogenetics, Ossining, USA
<i>DPB1*882:01</i>	HG00019328	MK144052	Histogenetics, Ossining, USA

Table 3
Recently Published Sequences.

HLA Allele	References
A*23:91N	Alanazi et al. [2]
A*29:113	Pan et al. [25]
A*30:130N	Balz et al. [9]
A*32:01:01:09	Cambridge et al. [13]
A*32:01:01:10	Cambridge, et al. [13]
B*13:02:21	Gao et al. [17]
B*14:02:16	Balz et al. [10]
B*15:450	Geretz et al. [18]
B*15:476	Ralazamahaleo et al. [28]
B*40:06:07	Li et al. [20]
B*46:01:19	Lin & Chang [22]
B*46:01:25	Li et al. [21]
B*46:67	Baek et al. [4]
B*46:68	Wang et al. [33]
B*46:71	Wang, et al. [33]
B*46:72	Wang, et al. [33]
B*50:31	Zhang et al. [36]
B*53:01:17	Christiansen et al. [16]
B*56:55:01:02	Planelles et al. [27]
B*58:19	Yang & Lin [35]
B*58:83	Christiansen, et al. [16]
C*01:32:02	Baek et al. [5]
C*03:272	Baek et al. [6]
C*03:374	Planelles, et al. [27]
C*06:02:47	Wang et al. [32]
C*06:66	Baek et al. [7]
C*07:639	Cargou et al. [15]
C*07:674	Geretz, et al. [18]
DRB1*14:54:01:04	Peng et al. [26]
DRB3*02:02:11	Battarra et al. [11]
DRB4*03:01N	Steiner et al. [30]
DQB1*03:276N	Steiner, et al. [30]
DQB1*04:02:03	Baek et al. [8]
DPA1*01:03:01:12	Alanazi et al. [1]
DPA1*02:01:01:06	Alburaq et al. [3]
DPB1*13:01:03	Planelles, et al. [27]
DPB1*612:01	Xiong et al. [34]
DPB1*64:01N	Cambridge et al. [12]
DPB1*701:01	Cambridge, et al. [12]
DPB1*763:01	Cargou et al. [14]

belong to the C*01 allele group and have therefore been renamed as C*01:169:01 and C*01:169:02, respectively. C*04:01:01:30 has been shown to be identical to C*04:01:01:27. DQB1*03:325 was named in error and was shown to be a silent variant of DQB1*03:317, as a result, it has been renamed DQB1*03:317:02. DPB1*793:01N was named in error and was shown to be a silent variant of DPB1*786:01N, as a result, it has been renamed DPB1*786:01:02N. The names C*03:99:01, C*03:99:02, C*04:01:01:30, DQB1*03:325, and DPB1*793:01N have been abandoned.

All new and confirmatory sequences should now be submitted directly to the WHO Nomenclature Committee for Factors of the HLA System via the IPD-IMGT/HLA Database using the sequence submission tool provided Robinson et al. [29]. The IPD-IMGT/HLA Database may be accessed via the World Wide Web at: www.ebi.ac.uk/ipd/imgt/hla

References

- Alanazi, M. Alburaq, A. Alblaihed, F. AlSebaiheen, A. Alshubaili, Identification of the novel HLA-DPA1*01:03:01:12 allele in a Saudi individual, *HLA 92* (2018) 424–425.
- H. Alanazi, F. Aloufi, M. Gattan, A. Alqasem, A. Hajeer, Identification of the novel HLA-A*23:91N allele in a Saudi individual, *HLA 92* (2018) 408–409.
- M. Alburaq, A. Alanazi, A. Alshubaili, A. Alblaihed, F. AlSebaiheen, Identification of the novel HLA-DPA1*02:01:01:06 allele in a Saudi individual, *HLA 92* (2018) 425–426.
- I.C. Baek, E.J. Choi, D.H. Shin, H.J. Kim, T.G. Kim, The HLA-B*46:67 allele identified in a volunteer donor for hematopoietic stem cell transplant, *HLA 92* (2018) 310–311.
- I.C. Baek, E.J. Choi, D.H. Shin, H.J. Kim, T.G. Kim, The HLA-C*01:32:02 allele identified in a volunteer donor for hematopoietic stem cell transplant, *HLA 92* (2018) 315–316.
- I.C. Baek, E.J. Choi, D.H. Shin, H.J. Kim, T.G. Kim, The HLA-C*03:272 allele identified in a volunteer donor for hematopoietic stem cell transplant, *HLA 92* (2018) 316–318.
- I.C. Baek, E.J. Choi, D.H. Shin, H.J. Kim, T.G. Kim, The HLA-C*06:66 allele identified in a volunteer donor for hematopoietic stem cell transplant, *HLA 92* (2018) 318–319.
- I.C. Baek, E.J. Choi, D.H. Shin, H.J. Kim, T.G. Kim, The HLA-DQB1*04:02:03 allele identified in a volunteer donor for hematopoietic stem cell transplant, *HLA 92* (2018) 313–314.
- V. Balz, J. Fischer, S. Krause, J. Enczmann, A novel HLA-A null allele, HLA-A*30:130N, discovered by amplicon-based next-generation sequencing, *HLA 92* (2018) 324–326.
- V. Balz, J. Fischer, S. Krause, J. Enczmann, A novel HLA-B variant, HLA-B*14:02:16, discovered by amplicon-based next-generation sequencing, *HLA 92* (2018) 323–324.
- M. Battarra, F. Locatelli, T. Galluccio, A. Guagnano, M. Andreani, The novel HLA-DRB3*02:02:11 allele identified in an Italian individual, *HLA 92* (2018) 423–424.
- C.A. Cambridge, T.R. Turner, J.P. Abraham, S.G.E. Marsh, N.P. Mayor, HLA-DPB1*64:01N and DPB1*701:01 sequence extensions by single molecule real-time DNA sequencing, *HLA 92* (2018) 426–427.
- C.A. Cambridge, T.R. Turner, X. Georgiou, S.G.E. Marsh, N.P. Mayor, Two novel alleles, HLA-A*32:01:01:09 and 32:01:01:10, identified by Pacific Bioscience's SMRT sequencing, *HLA 92* (2018) 409–411.
- M. Cargou, V. Elsermans, I. Top, G. Guidicelli, J. Visentin, Characterization of the novel HLA-DPB1*763:01 allele by sequencing-based typing, *HLA 92* (2018) 429–431.
- M. Cargou, M. Ralazamahaleo, L. Blouin, G. Guidicelli, J. Visentin, Characterization of the novel HLA-C*07:639 allele by sequencing-based typing, *HLA 92* (2018) 422–423.
- M. Christiansen, C. Erikstrup, C. Medina, B.K. Moller, B.L. Honge, Two novel HLA-B alleles, HLA-B*53:01:17 and -B*58:83, found in patients from Guinea-Bissau, *HLA 92* (2018) 417–418.
- X.Y. Gao, X.Y. Chi, H. Bin, Z.H. Feng, A novel HLA class I allele, HLA-B*13:02:21, identified by sequence-based typing in a Chinese individual, *HLA 92* (2018) 411–412.
- A. Geretz, P.K. Ehrenberg, A. Bouckenoghe, M.A. Fernandez Vina, N.L. Michael,

- D. Chansinghakule, K. Limkittikul, R. Thomas, Full-length next-generation sequencing of HLA class I and II genes in a cohort from Thailand, *Hum Immunol* **79** (2018) 773–780.
- [19] A. Lazaro, L. Hou, B. Tu, C. Masaberg, E. Enriquez, J. Gerfen, K. Kariyawasam, M. Persaud, X. Qin, D. Simbulan, Y. Xiao, L. Xun, R. Yang, J. Ng, C.K. Hurley, Full gene HLA class I sequences of 79 novel and 519 mostly uncommon alleles from a large United States registry population, *HLA* **92** (2018) 304–309.
- [20] J.P. Li, X. Zhang, F.Q. Lin, K.L. Zhang, X.F. Li, Identification of the novel HLA allele, HLA-B*40:06:07, by sequence-based typing, *HLA* **92** (2018) 326–327.
- [21] L. Li, W. Tian, F. Zhu, W. Wang, F. Wang, Characterization of a novel allelic variant in HLA-B*46:01 lineage, HLA-B*46:01:25, by cloning, phasing and sequencing, *Int J Immunogenet* **45** (2018) 347–350.
- [22] C.Y. Lin, C.L. Chang, Detection of a novel HLA-B*46:01 variant, HLA-B*46:01:19, in a Taiwanese individual, *HLA* **92** (2018) 414–415.
- [23] S.G.E. Marsh, E.D. Albert, W.F. Bodmer, R.E. Bontrop, B. Dupont, H.A. Erlich, M. Fernandez-Vina, D.E. Geraghty, R. Holdsworth, C.K. Hurley, M. Lau, K.W. Lee, B. Mach, M. Maiers, W.R. Mayr, C.R. Muller, P. Parham, E.W. Petersdorf, T. Sasazuki, J.L. Strominger, A. Svejgaard, P.I. Terasaki, J.M. Tiercy, J. Trowsdale, Nomenclature for factors of the HLA system, 2010, *Tissue Antigens* **75** (2010) 291–455.
- [24] S.G.E. Marsh, Nomenclature for factors of the HLA system, update September 2018, *Int J Immunogenet* **45** (2018) 386–405.
- [25] L. Pan, W. Tang, A. Zhang, B. Fu, W. Liu, Identification of the novel HLA-A*29:113 allele in a Hodgkin's Lymphoma patient, *HLA* **92** (2018) 322–323.
- [26] D. Peng, H. Li, Z. Wang, R. Wu, H. Sun, The new allele HLA-DRB1*14:54:01:04 in a Chinese family identified using next-generation sequencing, *HLA* **92** (2018) 320–321.
- [27] D. Planelles, A. Balas, J.L. Caro, M. Rodriguez-Cebria, J.L. Vicario, HLA-B*56:55:01:02, -C*03:374 and -DPB1*13:01:03 characterized by next-generation sequencing, *HLA* **92** (2018) 419–420.
- [28] M. Ralazamahaleo, V. Elsermans, I. Top, G. Guidicelli, J. Visentin, Characterization of the novel HLA-B*15:476 allele by sequencing-based typing, *HLA* **92** (2018) 412–413.
- [29] J. Robinson, J.A. Halliwell, J.D. Hayhurst, P. Flicek, P. Parham, S.G.E. Marsh, The IPD and IMGT/HLA database: allele variant databases, *Nucleic Acids Res* **43** (2015) D423–D431.
- [30] N.K. Steiner, L. Hou, C.K. Hurley, Characterizing alleles with large deletions using region specific extraction, *Hum Immunol* **79** (2018) 491–493.
- [31] C.E.M. Voorter, B. Matern, T.H. Tran, A. Fink, B. Vidan-Jeras, S. Montanic, G. Fischer, I. Fae, D. de Santis, R. Whidborne, M. Andreani, M. Testi, M. Groeneweg, M.G.J. Tilanus, Full-length extension of HLA allele sequences by HLA allele-specific hemizygous Sanger sequencing (SSBT), *Hum Immunol* **79** (2018) 763–772.
- [32] J. Wang, Y. Zhang, Q. Li, K. Ru, X. Wang, A novel allele, HLA-C*06:02:47, identified by sequence-based typing in a Chinese individual, *HLA* **92** (2018) 312–313.
- [33] W. Wang, N. Chen, L. Dong, Y. He, S. Tao, W. Zhang, J. He, J. Chen, F. Zhu, Characterization of three new HLA Class I Alleles in Chinese individuals, HLA-B*46:68, -B*46:71, -B*46:72, *Int J Immunogenet* **45** (2018) 351–353.
- [34] W. Xiong, D. Wang, H.Y. Zou, Identification of a novel HLA-DPB1 allele, HLA-DPB1*612:01, in a Chinese individual, *HLA* **92** (2018) 428–429.
- [35] K.L. Yang, P.Y. Lin, Detection of an HLA-B*58 variant, HLA-B*58:19, by sequence-based typing in a Taiwanese individual, *HLA* **92** (2018) 420–421.
- [36] K.L. Zhang, X.F. Li, X. Zhang, F.Q. Lin, J.P. Li, The novel HLA-B allele, HLA-B*50:31, was identified by sequencing genomic DNA, *HLA* **92** (2018) 415–417.