

HLA-B40 2022 2N0

HLA-B40 2022 2N0

Well No.	HLA-B allele ^{1,2,3}	Well No.																			Well No.	HLA-B allele ^{1,2}					
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
*40:06:02, 40:06:09-40:06:16;																											
40:165, 40:167, 40:230, 40:244,																											
40:275, 40:306, 40:317, 40:349,																											
40:354, 40:361N, 40:363, 40:366,																											
40:374, 40:376, 40:482	++																										
*40:06:04:01-40:06:04:03, 40:471	++																										
*40:06:05	++																										
*40:06:23, 40:06:28, 40:445	+																										
*40:07	+																										
*40:08:01:01-40:08:01:02	++																										
40:09	++																										
*40:10:01:01-40:10:01:02	+																										
*40:10:02	+																										
*40:11:01:01-40:11:01:03	++																										
*40:11:02	++																										
*40:12:01-40:12:02	+																										
*40:13	++																										
*40:14:01, 40:121, 40:136	+																										
*40:14:02	+																										
*40:14:03	+																										
*40:15	++																								w	?	
*40:16:01:01-40:16:01:02	++																										
*40:18	++	++	+																					w	?		
*40:19	++	++	+																								
*40:20:01:01-40:20:01:02	++	++	+																								
*40:21	+																										
*40:22N	++																										
*40:23	++																								w		
*40:24	++	++	+																								
*40:25	++	++	+																								
*40:26	++	++	+																								
*40:27:01, 40:27:03	++	++	+																								
*40:27:02	++	++	+																								
*40:28	++	++	+																						+	?	
*40:29	++	++	+																								
*40:30	+																										
*40:31	++	++	+																								
*40:32	++	++	+																								
*40:33	+																										
*40:34	+																										
*40:35:01-40:35:02	++	++	+																								
*40:35:03	++	++	+																								
*40:36	++	++	+																								
*40:37, 40:432	++	++	+																								
*40:38	++	+																									
*40:39	++	++	+																								
*40:40	W	*																									
*40:42, 40:498	++	++	+																								
*40:43	++	++	+																								
*40:44, 40:159	++	++	+																								
*40:45	++	++	+																								
*40:46	++	++	+																								
*40:47	++	++	+																								
*40:48	++	++	+																								
*40:49	++	++	+																								
Well No.	HLA-B allele ^{1,2,3}	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
	HLA-B allele ^{1,2}	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6

HLA-B40 2022 2N0

Well No.	HLA-B allele ^{1,2,3}	HLA-B allele ^{1,2,3}																									Well No.	
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	
*40:100-40:101, 40:108, 40:112, 40:123, 40:134, 40:154, 40:156, 40:186:02, 40:193-40:196, 40:204, 40:207-40:208, 40:212, 40:215, 40:217-40:218, 40:223, 40:227- 40:228, 40:235, 40:238, 40:240, 40:257, 40:279, 40:281, 40:288, 40:300, 40:312, 40:315, 40:326- 40:327, 40:333, 40:344, 40:357- 40:358, 40:360, 40:396, 40:510N	+	+																										?
*40:102	+	+																										?
*40:103	+	+																										?
*40:104	+	+	*																									?
*40:105	+	+	*																									?
*40:106	+	+	*																									?
*40:107	+	+	*																									?
*40:109	+	+	*																									?
*40:110	+	+	*																									?
*40:111	+	+	*																									?
*40:113	+	+	*																									?
*40:114:01-01-40:114:01-02	+	+	*																									?
*40:114:02, 40:231	+	+	*																									?
*40:115	+	+	*																									?
*40:116, 40:339	+	+	*																									?
*40:117	+	+	*																									?
*40:118N	+	+	*																									?
*40:119	+	+	*																									?
*40:120	+	+	*																									?
*40:122	+	+	*																									?
*40:124:01, 40:172	+	+	*																									?
*40:124:02, 40:280	+	+	*																									?
*40:125:01	+	+	*																									?
*40:125:02-40:125:03	+	+	*																									?
*40:127	+	+	*																									?
*40:128	+	+	*																									?
*40:129	+	+	*																									?
*40:130:01, 40:239, 40:336	+	+	*																									?
*40:130:02, 40:153, 40:262, 40:398	+	+	*																									?
*40:131, 40:307, 40:341	+	+	*																									?
*40:132	+	+	*																									?
*40:133Q	+	+	*																									?
*40:135	+	+	*																									?
*40:137	+	+	*																									?
*40:139	+	+	*																									?
*40:141	+	+	*																									?
*40:142N	+	+	*																									?
*40:144N	+	+	*																									?
*40:145	+	+	*																									?
*40:148	+	+	*																									?
*40:149	+	+	*																									?
*40:150	+	+	*																									?
*40:151	+	+	*																									?
*40:155:01N-40:155:02N	+	+	*																									?
*40:157	+	+	*																									?
*40:158	+	+	*																									?
*40:160:01	+	+	*																									?
*40:160:02	+	+	*																									?
*40:161	+	+	*																									?
Well No.	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4
HLA-B allele ^{1,2,3}	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	

HLA-B40 2022 2N0

HLA-B40 2022 2N0

HIA-B40 2022 2N0

H1 A-B40 2022 2N0

HLA-B40 2022 2N0

H1 A-B40 2022 2N0

HIA-B40 2022 2N0

HLA-B40 2022 2N0

HLA-B40 2022 2N0

HIA-B40 2022 2N0

HLA-B40 2022 2N0

HIA-B40 2022 2N0

HIA-B40 2022 2N0

HLA-B40 2022 2NO

Well No.	HLA-B allele ^{1,2,3}	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9	Well No.	HLA-B allele ^{1,2,3}																																	
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
*18:81	+																																				
*18:88	+																																				
*18:105	+																																				
*18:107																																					
*18:110	+																																				
*18:129	+																																				
*18:136																																					
*18:149	+																																				
*18:150	+																																				
*18:179	+																																				
*18:183	+																																				
*18:189	+																																				
*18:195, 37:19:01, 37:44, 37:56	+																																				
*18:204	+																																				
27:01, 27:142																																					
27:05:37, 27:156, 27:169, C*06:77																																					
27:05:38, 27:80																																					
*27:08, 27:12:01:01-27:12:01:03, 27:26, 27:40, 27:44, 27:204:01:01-27:204:01:02, C*03:278, C*07:714, C*07:724, C*08:01:20, C*16:01:08, C*16:86																																					
27:14																																					
27:18	+	+																																			
*27:19:01:01-27:19:01:02, 27:30	+																																				
*27:20, 27:168																																					
*27:21:01, 27:70, 27:127																																					
*27:23																																					
*27:24	+																																				
*27:27, 27:218, C*02:68																																					
27:29	+																																				
*27:32	+	+																																			
*27:33	+																																				
*27:36																																					
*27:37																																					
*27:41, 27:136, C*02:06:01-02:06:02, C*02:36:01-02:36:02																																					
27:42, 27:89																																					
*27:52, 27:236																																					
*27:64N, 27:145, A*66:39N, A*80:09N																																					
*27:69, 27:192																																					
*27:81																																					
*27:92																																					
*27:98, A*01:283, A*02:570:01-02:570:02, A*24:140, A*26:96, A*68:102, C*02:167, C*03:367, C*04:459, C*04:467, C*05:110, C*06:284, C*07:828																																					
*27:125	+																																				
*27:130, 35:534, 51:10																																					
*27:138																																					
*27:150, C*02:62, C*03:34, C*03:142, C*03:261, C*03:272																																					
*27:153																																					
*27:157																																					
*27:165																																					
*27:173, C*07:81, C*07:168, C*07:450, C*07:896, C*07:959																																					
Well No.		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
HLA-B allele ^{1,2,3}		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6

H1 A-B40 2022 2N0

HIA-B40 2022 2N0

Well No.	HLA-B allele ^{1,2,3}	HLA-B allele ^{1,2,3}																			Well No.	HLA-B allele ^{1,2,3}					
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
*39:31:01-39:31:01:02, 39:128																											
*39:47, 39:174																											
*39:50																											
*39:66																											
*39:69																											
*39:101	+																										
*39:109																											
*39:141																											
*39:145, 39:158																											
*39:150, 39:165																											
*39:173																											
*39:184																											
*41:01:01-41:01:07, 41:06, 41:09, 41:16:41:17, 41:20, 41:22, 41:28- 41:30, 41:32, 41:34-41:35, 41:44, 41:54, 41:56Q, 41:59, 41:64, 41:66- 41:67, 41:70, 41:73, 41:75	+																										
*41:02:01-41:02:08, 41:02:11, 41:11, 41:13, 41:15, 41:31, 41:39- 41:43, 41:45N, 41:55, 41:65, 41:68- 41:69, 41:72, 41:74	+	+																									
*41:02:09	+	+																									
*41:02:10, 41:49	+	+																									
*41:03:01-41:03:02, 41:48	+																										
*41:04		+																									
*41:05, 41:26			+																								
*41:07				+																							
*41:08					+																						
*41:10						+																					
*41:12							+																				
*41:14								+																			
*41:18, 41:51									+																		
*41:23, 41:71										+																	
*41:24											+																
*41:25, 41:53												+															
*41:27													+														
*41:33														+													
*41:36															+												
*41:37																+											
*41:38																	+										
*41:46																		+									
*41:47																			+								
*41:50																				+							
*41:52																					+						
*41:57																						+					
*41:58																							+				
*41:60																								+			
*41:61																									+		
*41:62																										+	
*41:63																											+
*42:02:01-42:02:02, 42:18, 42:27																											
*42:09																											
*42:17																											
*42:19																											
*42:28																											
Well No.		1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	
H1-A allele ^{1,2,3}	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	

Well No.	Well No.
HLA-B allele ^{1,2,3}	HLA-B allele ^{1,2,3}
*44:02:01:01-44:02:09, 44:02:11-44:02:12, 44:02:14-44:02:31, 44:02:33, 44:02:35-44:02:40, 44:02:42-44:02:67, 44:02:69-44:03:05, 44:03:07-44:03:15, 44:03:17-44:03:29, 44:03:31-44:03:36, 44:03:38-44:03:39, 44:03:41-44:03:50, 44:03:52-44:05:05, 44:11, 44:13, 44:17, 44:19N, 44:22-44:27:02, 44:27:04-44:30, 44:32-44:33, 44:35-44:37:02, 44:39, 44:41:01-44:43:02, 44:45, 44:50:01-44:53:02, 44:56N, 44:58N-44:59:02, 44:61N, 44:63, 44:65-44:69:02, 44:71-44:74, 44:76, 44:78-44:80, 44:84:02-44:89, 44:91-44:95, 44:97-44:98, 44:101-44:102, 44:104-44:105, 44:107-44:108N, 44:112-44:123, 44:125-44:126:02, 44:128:01-44:128:02, 44:132, 44:136-44:137, 44:139, 44:141-44:142, 44:144, 44:146-44:148, 44:151-44:152, 44:154-44:155, 44:157, 44:159-44:161, 44:163:01-44:165, 44:167-44:168, 44:170-44:175, 44:177-44:181, 44:183, 44:185-44:187, 44:189, 44:191-44:193, 44:195N-44:196, 44:199, 44:202, 44:204:01-44:204:02, 44:206-44:209, 44:214-44:215, 44:218-44:223, 44:227-44:231, 44:233-44:240, 44:242-44:244, 44:248-44:253, 44:255, 44:257-44:264, 44:262, 44:266:01-44:268, 44:270:01, 44:271-44:274, 44:278-44:281:02, 44:283-44:289, 44:291-44:292, 44:294-44:310N, 44:312-44:315, 44:317-44:337, 44:341N-44:344, 44:346, 44:437, 44:439-44:444, 44:446-44:457, 44:460-44:480Q, 44:482-44:483, 44:485-44:489, 44:491-44:524, 44:526-44:527, 44:529, 44:531-44:536, 44:538-44:540, 44:542-44:546	*44:02:01:01-44:02:09, 44:02:11-44:02:12, 44:02:14-44:02:31, 44:02:33, 44:02:35-44:02:40, 44:02:42-44:02:67, 44:02:69-44:03:05, 44:03:07-44:03:15, 44:03:17-44:03:29, 44:03:31-44:03:36, 44:03:38-44:03:39, 44:03:41-44:03:50, 44:03:52-44:05:05, 44:11, 44:13, 44:17, 44:19N, 44:22-44:27:02, 44:27:04-44:30, 44:32-44:33, 44:35-44:37:02, 44:39, 44:41:01-44:43:02, 44:45, 44:50:01-44:53:02, 44:56N, 44:58N-44:59:02, 44:61N, 44:63, 44:65-44:69:02, 44:71-44:74, 44:76, 44:78-44:80, 44:84:02-44:89, 44:91-44:95, 44:97-44:98, 44:101-44:102, 44:104-44:105, 44:107-44:108N, 44:112-44:123, 44:125-44:126:02, 44:128:01-44:128:02, 44:132, 44:136-44:137, 44:139, 44:141-44:142, 44:144, 44:146-44:148, 44:151-44:152, 44:154-44:155, 44:157, 44:159-44:161, 44:163:01-44:165, 44:167-44:168, 44:170-44:175, 44:177-44:181, 44:183, 44:185-44:187, 44:189, 44:191-44:193, 44:195N-44:196, 44:199, 44:202, 44:204:01-44:204:02, 44:206-44:209, 44:214-44:215, 44:218-44:223, 44:227-44:231, 44:233-44:240, 44:242-44:244, 44:248-44:253, 44:255, 44:257-44:264, 44:262, 44:266:01-44:268, 44:270:01, 44:271-44:274, 44:278-44:281:02, 44:283-44:289, 44:291-44:292, 44:294-44:310N, 44:312-44:315, 44:317-44:337, 44:341N-44:344, 44:346, 44:437, 44:439-44:444, 44:446-44:457, 44:460-44:480Q, 44:482-44:483, 44:485-44:489, 44:491-44:524, 44:526-44:527, 44:529, 44:531-44:536, 44:538-44:540, 44:542-44:546
*44:02:10, 44:34:01	*44:02:10, 44:34:01
*44:02:13, 44:03:37, 44:03:51, 44:09, 44:46:01-44:46:02, 44:75, 44:127, 44:129, 44:201, 44:254, 44:345N, 44:438N, 44:458	*44:02:13, 44:03:37, 44:03:51, 44:09, 44:46:01-44:46:02, 44:75, 44:127, 44:129, 44:201, 44:254, 44:345N, 44:438N, 44:458
*44:02:32, 44:03:16, 44:03:30, 44:49, 44:81, 44:111, 44:145, 44:200, 44:293, 44:528, 44:530	*44:02:32, 44:03:16, 44:03:30, 44:49, 44:81, 44:111, 44:145, 44:200, 44:293, 44:528, 44:530
*44:02:34, 44:20, 44:47, 44:70, 44:96, 44:99-44:100, 44:138Q, 44:149N, 44:153, 44:197, 44:264	*44:02:34, 44:20, 44:47, 44:70, 44:96, 44:99-44:100, 44:138Q, 44:149N, 44:153, 44:197, 44:264
Well No.	Well No.
HLA-B allele ^{1,2,3}	HLA-B allele ^{1,2,3}

H1 A-B40 2022 2N0

HLA-B40 2022 2N0

Well No.	HLA-B allele ^{1,2,3}	Well No.																			HLA-B allele ^{1,2,3}						
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
*45:01:01-01:45:01:08, 45:01:10-45:01:12, 45:03-45:05, 45:07-45:08, 45:11-45:13, 45:15, 45:17-45:21, 45:23-45:25, 45:27-45:28N, 50:12, 50:47, 50:49, 50:66	+																										
*45:01:09, 45:16	+																										
*45:02	+																										
*45:06																											
*45:09	+																										
*45:10	+																										
*45:14	+																										
*45:22	+																										
*46:06	+																										
*46:14																											
*46:87																											
*47:02																											
*47:04-47:05																											
*48:01:01-01:48:01:07, 48:01:09-48:01:10, 48:09, 48:11, 48:16, 48:18, 48:20, 48:27-48:28, 48:32-48:36, 48:38-48:39, 48:42-48:43, 48:47-48:50, 48:52	+	+																									
*48:01:08	+	+																									
*48:02:01-48:02:03, 48:25	+	+																									
*48:03:01:01-48:03:02, 48:40	+	+																									
*48:04:01:01-48:04:02, 48:24, 48:51, 48:53	+	+																									
*48:05	+	+																									
*48:06, 48:31, 81:01:01-81:10	+	+																								w	
*48:07	+	+																									
*48:10	+	+																									
*48:12	+	+																									
*48:13	+	+																									
*48:14	+	+																									
*48:15	+	+																								*	
*48:17	+	+																									
*48:19	+	+																									
*48:21	+	+																									
*48:22, 48:30	+	+																									
*48:23	+	+																									
*48:26	+	+																									
*48:29	+	+																									
*48:37	+	+																									
*48:41	+	+																									
*48:44	+	+																									
*48:45	+	+																									
*48:46	+	+																									
*49:01:01-01:49:01:01:18, 49:01:03-49:01:13, 49:01:15-49:01:18, 49:01:20-49:01:22, 49:06, 49:08-49:09, 49:12-49:14, 49:16-49:20, 49:22-49:23, 49:27-49:28:02, 49:30, 49:32-49:40, 49:42-49:44, 49:46, 49:49, 49:51-49:60N, 49:64-49:66, 49:68, 49:71-49:72, 49:74, 49:76	+																										
Well No.	HLA-B allele ^{1,2,3}	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
HLA-B allele ^{1,2,3}	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	

H1 A-B40 2022 2N0

HIA-B40 2022 2N0

