

INTERPRETATION TABLE

HLA-B*48 SSP subtyping

Amplification patterns of the B*48:01 to 48:25 alleles

	Well ⁷							
	1	2	3	4	5	6	7	8
Length of spec.	385	145	175	150	285	90	150	85
PCR product(s)						170	385	225
						285		
Length of int.	800	800	800	800	1070	1070	1070	1070
pos. control ¹								
5'-primer(s) ²	44	499	363	355	363	144	44	260
	5'-ggC ^{3'}	5'-TCT ^{3'}	5'-AgC ^{3'}	5'-TCA ^{3'}	5'-Agg ^{3'}	5'-TCC ^{3'}	5'-ggC ^{3'}	5'-ggT ^{3'}
					363	225	419	419
					5'-Agg ^{3'}	5'-TgC ^{3'}	5'-gTC ^{3'}	5'-gTT ^{3'}
						363		419
						5'-AAT ^{3'}		5'-gTT ^{3'}
3'-primer(s) ³	259	605	499	463	605	272	259	302
	5'-CTC ^{3'}	5'-gCT ^{3'}	5'-ggA ^{3'}	5'-gCT ^{3'}	5'-gCT ^{3'}	5'-Tgg ^{3'}	5'-gTT ^{3'}	5'-ggC ^{3'}
						605	259	605
						5'-gCT ^{3'}	5'-gTT ^{3'}	5'-gCT ^{3'}
							527	
							5'-CCT ^{3'}	
Well No.	1	2	3	4	5	6	7	8
HLA-B allele								
*48:01:01-48:01:03	1	2	3					
*48:02:01-48:02:02	1			4				
*48:03:01-48:03:02	1	2			5			
*48:04	1		3					
*48:05	1					6		
*48:06, 81:02 ⁴		2	3				7	
*48:07	1	2	3					8
*48:08	1							
*48:09, 48:11 ⁵	1	2	3					
Well No.	1	2	3	4	5	6	7	8
Length of spec.	385	145	175	150	285	90	150	85

PCR product(s)						170	385	225
						285		
Well No.	1	2	3	4	5	6	7	8
*48:10, 08:17, 08:54, 38:03, 39:02:01-39:02:02, 39:08, 39:13:01-39:13:02, 42:11 ⁶	1							
*48:12	1							
*48:13	1							
*48:14	1							
*48:15	1	2	3					
*48:16		2	3					8
*48:17	1	2			5			8
*48:18	1	2	3					
*48:19	1	2	3					
*48:20	1	2	3			6		
*48:21	1	2				6		
*48:22	1	2	3					
*48:23	1	2			5			
*48:24	1		3					
*48:25	1			4			7	
*07:02:01-07:02:25, 07:02:27-07:03, 07:08, 07:10, 07:15-07:16, 07:20-07:24, 07:28-07:31, 07:35, 07:37, 07:39, 07:41-07:42, 07:44, 07:46-07:47, 07:49N, 07:55-07:59, 07:61-07:64, 07:67N, 07:70-07:76, 07:79, 07:82-07:83, 07:85-07:96:02, 07:98-07:99, 07:101-07:104, 07:106-07:111N, 07:113-07:114, 07:116-07:121, 07:124-07:130, 07:133-07:134, 07:136							7	
*07:02:26, 07:04, 07:26, 07:43, 07:45, 07:52, 07:66, 07:84, 07:131, 07:135N							7	
*07:05:01-07:06, 07:32, 07:69, 07:97, 07:105, 07:112, 07:138							7	
*07:07, 07:12, 07:14, 07:18:01-07:18:02, 07:77, 15:138					5		7	
*07:09, 07:11, 07:17							7	
*07:13, 07:54, 07:65, 07:132								
*07:19, 07:25, 07:48, 08:01:12, 08:07, 08:12:02, 08:14, 08:64, 08:74, 14:01:01-14:03, 14:06:01-14:09, 14:11-14:12, 14:14-14:27, 15:16:01-15:16:03, 15:18:01-15:18:04, 15:23, 15:29, 15:39:01-15:40, 15:67, 15:72, 15:74, 15:93, 15:95, 15:108, 15:115, 15:119, 15:134, 15:153, 15:161, 15:176, 15:195, 15:197-15:198, 15:226N, 38:29, 39:07, 39:15, 39:17, 39:25N, 39:43-39:44, 39:55, 42:16, 46:08, 51:37, 51:45, 56:32, 58:06, C*15:09, C*15:19-15:20, C*15:27							7	
Well No.	1	2	3	4	5	6	7	8
Length of spec.	385	145	175	150	285	90	150	85
PCR product(s)						170	385	225

						285		
Well No.	1	2	3	4	5	6	7	8
*07:27, 07:50							7	
*07:33, 07:60, 07:139							7	
*07:34, 07:80							7	
*07:36, 07:38, 07:68:01-07:68:03, 07:81							7	
*07:40, 08:20, 08:40, 08:70							7	
*07:51, 07:122							7	
*07:53							7	
*07:78							7	8
*07:100							7	
*07:115							7	8
*07:123								
*07:137					5		7	
*08:01:01-08:01:11, 08:01:13-08:02, 08:05, 08:08N-08:09, 08:11-08:12:01, 08:12:03-08:13, 08:15-08:16, 08:18-08:19N, 08:21-08:27, 08:29-08:34, 08:36, 08:39, 08:41-08:48, 08:50-08:51, 08:53, 08:55-08:63, 08:65-08:69, 08:72N-08:73, 08:75-08:77, 38:02:01-38:02:03, 38:08, 38:15, 38:17-38:18, 38:23, 38:35, 39:01:01:01-39:01:01:02L, 39:01:03-39:01:11, 39:04-39:06:02, 39:09-39:10:01, 39:11-39:12, 39:16, 39:18-39:20, 39:26-39:28, 39:30-39:36, 39:38Q, 39:40N-39:41, 39:45-39:48, 39:50-39:54, 39:57-39:67, 42:01:01-42:01:02, 42:04-42:07, 42:12-42:13, 42:15, 67:01:01-67:01:02, 67:03							7	
*08:03, 08:52, 08:71, 38:01:01, 38:01:03-38:01:05, 38:05-38:07, 38:09-38:14, 38:16, 38:21, 38:24, 38:26-38:28, 38:30-38:34N, 42:10							7	
*08:04, 39:39							7	
Well No.	1	2	3	4	5	6	7	8

Length of spec.	385	145	175	150	285	90	150	85
PCR product(s)						170	385	225
						285		
Well No.	1	2	3	4	5	6	7	8
*08:10, 13:03, 13:45, 13:48, 15:09, 15:30, 15:42, 15:48, 15:58, 15:73, 15:83, 15:86, 15:150, 15:188, 15:224, 15:229, 27:20, 27:27, 35:09:01-35:09:02, 35:18, 35:44, 35:60, 35:87-35:88, 39:10:02, 40:04, 40:06:01:01-40:06:04, 40:68, 40:70, 46:11, 46:18, 51:01:01-51:01:18, 51:01:20-51:02:02, 51:02:04-51:03, 51:05-51:16, 51:19-51:24:04, 51:26, 51:28-51:36, 51:38-51:41N, 51:43-51:44N, 51:48-51:55, 51:57-51:63, 51:65-51:74, 51:76-51:80, 51:82-51:83, 51:86-51:89, 51:91, 51:95-51:115, 51:117-51:121, 52:01:01:01-52:11, 52:13-52:15, 52:17-52:25, 54:01:01-54:05N, 54:07-54:08N, 54:10, 54:12-54:13, 54:17-54:21, 54:23-54:24, 55:01:01-55:03, 55:05, 55:07-55:13, 55:15-55:22, 55:24-55:26, 55:28-55:40, 55:42-55:45, 55:47-55:48, 55:52-55:53, 56:01:01-56:02, 56:04-56:08, 56:10, 56:13-56:17, 56:19N-56:30, 58:08:01-58:08:02, 58:20, 59:01:01:01-59:05, 67:02, 78:01:01-78:07, 82:01-82:03, C*06:21, C*15:24								
*08:28, 08:37							7	
*08:35							7	
*08:38, 38:04, 39:22, 41:01-41:03:02, 41:05-41:07, 41:09, 41:11-41:14, 41:16-41:17, 41:19, 45:12	1							
*08:49, 14:10, 15:80, 15:194, 15:223, 35:11:01-35:11:02, 35:21, 53:06, 53:08:01-53:08:02, 55:14, 57:22, 58:19				4			7	
Well No.	1	2	3	4	5	6	7	8

Length of spec.	385	145	175	150	285	90	150	85
PCR product(s)						170	385	225
						285		
Well No.	1	2	3	4	5	6	7	8
*13:01:01-13:01:06, 13:06-13:07N, 13:12-13:13, 13:17, 13:20, 13:25-13:26, 13:28-13:29, 13:36, 13:39, 13:43, 13:50, 15:02:01-15:02:05, 15:13:01-15:13:02, 15:20-15:21, 15:25:01-15:25:03, 15:36, 15:44, 15:77, 15:85, 15:88-15:89, 15:106, 15:112, 15:121, 15:139, 15:144, 15:154, 15:165, 15:170, 15:213-15:214, 27:19, 27:30, 35:01:01:01-35:01:29, 35:03:01-35:03:10, 35:07-35:08:04, 35:10, 35:13-35:15, 35:19-35:20:02, 35:23-35:29, 35:33-35:36, 35:38-35:42:02, 35:45-35:49, 35:52, 35:54-35:57, 35:61-35:63, 35:65Q, 35:69-35:71, 35:74, 35:76-35:78, 35:80, 35:82, 35:85, 35:90-35:94, 35:96, 35:98, 35:100-35:101:02, 35:103-35:112, 35:115-35:116, 35:120-35:124, 35:126, 35:128, 35:130N-35:134N, 35:136-35:145N, 35:147-35:148, 35:150, 35:152-35:153, 35:155-35:156, 35:158-35:161, 35:163, 35:165N-35:166, 35:168-35:171, 35:173N, 35:175-35:178, 44:02:01:01-44:09, 44:11-44:13, 44:16-44:17, 44:19N, 44:21-44:30, 44:32-44:40, 44:42-44:46, 44:48-44:52N, 44:55-44:61N, 44:63-44:64:02, 44:66-44:76, 44:78-44:81, 44:83-44:98, 44:101-44:105, 44:107-44:109, 44:111-44:129, 44:131-44:134, 51:42, 53:01:01-53:05, 53:07, 53:09-53:13, 53:15-53:18, 53:20-53:26, 56:09, 56:11, 57:01:01-57:01:04, 57:01:06-57:01:11, 57:04-57:06, 57:08, 57:10, 57:14-57:16, 57:18-57:20, 57:23-57:27, 57:29-57:30, 57:32-57:38, 57:40-57:41, 57:43-57:45, 57:48-57:52, 58:01:01-58:01:02, 58:01:04-58:01:09, 58:04, 58:09-58:15, 58:17N, 58:21-58:24, 58:29-58:34, 83:01, C*03:102				4				
*13:22:01-13:22:02, 35:02:01-35:02:04, 35:04:01-35:04:03, 35:06, 35:12:01-35:12:03, 35:59, 35:81, 35:83, 35:95, 35:129N, 35:146, 35:149, 35:154, 35:157, 35:172, 44:10, 44:14, 44:62, 44:77, 44:82, 51:04, 51:46, 51:56:01-51:56:02, 53:19, 56:12, 57:02:01-57:03:02, 57:07, 57:09, 57:12, 57:17, 57:28N, 57:46, 58:28				4				
*13:23, 15:204, 35:50, 35:84, 37:21-37:22, 37:26, 58:05				4				
*13:40, 51:01:19, 51:75, A*26:01:19								
*14:05, 39:29							7	
*14:13, 38:19, 39:03, 39:14, 39:24:01-39:24:02, 39:37							7	
Well No.	1	2	3	4	5	6	7	8
Length of spec.	385	145	175	150	285	90	150	85

PCR product(s)						170	385	225
						285		
Well No.	1	2	3	4	5	6	7	8
*15:03:01-15:03:03, 15:61, 15:64, 15:69, 15:98, 15:103, 15:127, 15:131-15:132, 15:158, 15:173, 15:210, 15:220							7	
*15:07:01-15:07:02, 15:126, 15:207, 46:12								
*15:45								
*15:47							w	
*15:49, 15:65, 15:221, 35:99, 46:03, 57:13							w	
*15:54, 15:91, 15:123, 15:151, 15:156, 18:01:13, 18:25, 18:43								
*15:55, 35:05:01-35:05:02, 35:51, 35:72, 35:89, 35:97, 53:14, 58:18								
*15:62				4			7	
*15:68	1							
*15:71, 15:116, 15:124, 15:175, 15:225, 18:07:01-18:07:02, 18:29, 18:33, 27:75, 46:14, C*07:123, C*07:173								
*15:230, C*02:23					5			
*18:01:01-18:01:12, 18:01:14-18:03, 18:05-18:06, 18:08-18:13, 18:17N-18:20, 18:23N-18:24, 18:27-18:28, 18:31-18:32, 18:34, 18:36-18:42, 18:44-18:56, 18:58-18:60, 18:62-18:66, 37:01:08-37:02								
*18:14								
*18:15, 18:57							7	
*18:21, 18:30							w	
*18:22				4				
*18:26, 18:61, 37:12								
*18:35					5			
*27:07, 27:11, 27:33, 27:43, 35:31, 40:02:01-40:02:09, 40:02:11-40:02:12, 40:05, 40:08, 40:13, 40:39-40:40, 40:94, 40:97, 40:122, 40:142N-40:144N, 51:81, 55:04, 55:49, 55:51, 58:27								
*27:24			3					
*27:32, 44:54, 44:106								
*27:34, 40:02:10, 40:89, C*03:05, C*03:25, C*03:27, C*08:08								
*27:36		2				6		
*35:16-35:17, 35:30, 35:113, 35:125, 35:164, 44:110				4				
*35:22, 51:64								
*35:58							7	
*35:66								
Well No.	1	2	3	4	5	6	7	8
Length of spec.	385	145	175	150	285	90	150	85
PCR product(s)						170	385	225

						285		
Well No.	1	2	3	4	5	6	7	8
*35:114, 40:03								
*35:162, 57:39				4				
*37:01:01-37:01:06, 37:03N-37:06, 37:08, 37:10-37:11, 37:13-37:20, 37:23-37:25, 37:27-37:31				4				
*37:01:07, 44:130				4				
*37:07								
*37:09								
*38:01:02, 38:22							7	
*38:20				4			7	
*38:25	1							
*39:01:12, 39:56							7	
*39:23, 39:49	1							
*39:42				4			7	
*40:01:01-40:01:17, 40:01:19-40:01:23, 40:07, 40:60, 40:66, 40:73, 40:79, 40:124:01, 40:138-40:140, 40:146- 40:147, 40:150, 40:152-40:153, 40:155N	1	2			5			
*40:01:18	1	2						
*40:09, 40:18, 40:24, 40:85, 40:91	?							
*40:10:01-40:10:02, 40:21-40:22N, 40:33, 40:38, 40:42- 40:43, 40:46-40:47, 40:49, 40:54-40:55, 40:61, 40:63, 40:67, 40:74, 40:76, 40:81, 40:84, 40:87:01-40:88, 40:100- 40:102, 40:112-40:114, 40:116-40:118N, 40:123, 40:124:02-40:126, 40:128, 40:132, 40:134-40:135, 40:137, 40:141, 40:151, 40:154, 40:156, 40:160, 40:168, 40:170- 40:172	?	2			5			
*40:11:01-40:11:02, 40:26, 40:53, 40:64, 40:75, 40:86, 40:93, 40:95-40:96, 40:99, 40:103, 40:109-40:110, 40:127, 40:129, 40:148, 40:161-40:162, 40:165, 40:167	?							
*40:12		2			5			
*40:14:01-40:14:03, 40:121, 40:136	?				5			
*40:15	?							
*40:16	1							
*40:19, 40:27:01-40:27:02, 40:29, 40:37, 40:50, 40:56- 40:58, 40:78, 40:82, 40:90, 40:104, 40:107, 40:111, 40:115, 40:119, 40:133Q, 40:145, 40:157, 40:164, 40:169, 40:173	?							
*40:23	1	2			5			
*40:25, 40:69, 40:106, 40:166, 44:31		2			5			
*40:28	?			4				
Well No.	1	2	3	4	5	6	7	8
Length of spec.	385	145	175	150	285	90	150	85
PCR product(s)						170	385	225
						285		
Well No.	1	2	3	4	5	6	7	8

*40:30, 40:34	?	2						
*40:31, 40:45, 40:80	?	2	3					
*40:32, 40:98	?							
*40:35, 40:71	?							
*40:36, 40:48	?	2			5			8
*40:44, 40:92, 40:120, 40:130-40:131, 40:159, 40:163	?							
*40:51, 41:04, 41:10, 41:18, 45:01-45:05, 45:07-45:11, 45:13, 49:02, 50:01:01-50:02, 50:04-50:14	1							
*40:52	?	2			5			
*40:59	1	2			5			
*40:62, 40:65, 40:108	?				5			
*40:72:01-40:72:02	1				5			
*40:77	1				5			8
*40:83	?							
*40:105	?							
*40:149	?	2			5			
*40:158	?				5			
*41:08	1				5			
*41:15	1							
*42:02							7	
*42:08, 42:14							7	
*42:09							7	
*44:18, 49:01:01-49:01:03, 49:05-49:20	1							
*46:06		2			5			
*49:03	1							
*49:04	1						7	
*51:116								
*52:16								
*57:42				4				
*73:01-73:02							w	
*81:01, 81:03-81:05		2	3					
C*04:77					5			8
C*07:38					5			
HLA-B allele								
Well No.	1	2	3	4	5	6	7	8

INTERPRETATION TABLE

HLA-B*48 SSP subtyping

Amplification patterns of the B*48:01 to 48:25 alleles

Well ⁷								
9	10	11	12	13	14	15	16	
215	290	170	120	135	100	140	120	Length of spec. PCR product(s)
					250	435		
1070	800	800	1070	1070	1070	800	1070	Length of int. pos. control ¹
363	363	142	97	397	363	44	527	5'-primer(s) ²
5' -AgC ^{3'}	5' -AgC ^{3'}	5' -TCT ^{3'}	5' -TCC ^{3'}	5' -gCT ^{3'}	5' -AgC ^{3'}	5' -ggC ^{3'}	5' -TgA ^{3'}	
	363	142	419	412	693	363		
	5' -AgC ^{3'}	5' -TCT ^{3'}	5' -gTC ^{3'}	5' -ATA ^{3'}	5' -ggT ^{3'}	5' -AgC ^{3'}		
537	610	272	165	499	419	309	605	3'-primer(s) ³
5' -Agg ^{3'}	5' -CTg ^{3'}	5' -Tgg ^{3'}	5' -Tgg ^{3'}	5' -ggT ^{3'}	5' -Cgg ^{3'}	5' -ATC ^{3'}	5' -gCT ^{3'}	
539			512		572	463		
5' -TCC ^{3'}			5' -CCA ^{3'}		5' -gCA ^{3'}	5' -gCT ^{3'}		
					755			
					5' -CAA ^{3'}			
9	10	11	12	13	14	15	16	Well No.
								HLA-B allele
		11						*48:01:01-48:01:03
		11						*48:02:01-48:02:02
		11						*48:03:01-48:03:02
	10	11						*48:04
9		11		13			16	*48:05
								*48:06, 81:02 ⁴
		11						*48:07
9		11					16	*48:08
		11			14			*48:09, 48:11 ⁵
9	10	11	12	13	14	15	16	Well No.
215	290	170	120	135	100	140	120	Length of spec.

					250	435		PCR product(s)
9	10	11	12	13	14	15	16	Well No.
		11		13				*48:10, 08:17, 08:54, 38:03, 39:02:01-39:02:02, 39:08, 39:13:01-39:13:02, 42:11 ⁶
		11		13		15		*48:12
	10	11		13				*48:13
		11		w	14	15		*48:14
		11					16	*48:15
		11						*48:16
		11						*48:17
		11				15		*48:18
9		11						*48:19
		11						*48:20
		11						*48:21
		11	12					*48:22
		11	12					*48:23
9	10	11						*48:24
		11						*48:25
9							16	*07:02:01-07:02:25, 07:02:27-07:03, 07:08, 07:10, 07:15-07:16, 07:20-07:24, 07:28-07:31, 07:35, 07:37, 07:39, 07:41-07:42, 07:44, 07:46-07:47, 07:49N, 07:55-07:59, 07:61-07:64, 07:67N, 07:70-07:76, 07:79, 07:82-07:83, 07:85-07:96:02, 07:98-07:99, 07:101-07:104, 07:106-07:111N, 07:113-07:114, 07:116-07:121, 07:124-07:130, 07:133-07:134, 07:136
							16	*07:02:26, 07:04, 07:26, 07:43, 07:45, 07:52, 07:66, 07:84, 07:131, 07:135N
9				13			16	*07:05:01-07:06, 07:32, 07:69, 07:97, 07:105, 07:112, 07:138
							16	*07:07, 07:12, 07:14, 07:18:01-07:18:02, 07:77, 15:138
9					14		16	*07:09, 07:11, 07:17
9							16	*07:13, 07:54, 07:65, 07:132
								*07:19, 07:25, 07:48, 08:01:12, 08:07, 08:12:02, 08:14, 08:64, 08:74, 14:01:01-14:03, 14:06:01-14:09, 14:11-14:12, 14:14-14:27, 15:16:01-15:16:03, 15:18:01-15:18:04, 15:23, 15:29, 15:39:01-15:40, 15:67, 15:72, 15:74, 15:93, 15:95, 15:108, 15:115, 15:119, 15:134, 15:153, 15:161, 15:176, 15:195, 15:197-15:198, 15:226N, 38:29, 39:07, 39:15, 39:17, 39:25N, 39:43-39:44, 39:55, 42:16, 46:08, 51:37, 51:45, 56:32, 58:06, C*15:09, C*15:19-15:20, C*15:27
9	10	11	12	13	14	15	16	Well No.
215	290	170	120	135	100	140	120	Length of spec.
					250	435		PCR product(s)

9	10	11	12	13	14	15	16	Well No.
9		11					16	*07:27, 07:50
9	10							*07:33, 07:60, 07:139
				13			16	*07:34, 07:80
9						15	16	*07:36, 07:38, 07:68:01-07:68:03, 07:81
9				13				*07:40, 08:20, 08:40, 08:70
9								*07:51, 07:122
9	10			13				*07:53
				13			16	*07:78
9	10					15		*07:100
9							16	*07:115
9				13			16	*07:123
				13			16	*07:137
				13				*08:01:01-08:01:11, 08:01:13-08:02, 08:05, 08:08N-08:09, 08:11-08:12:01, 08:12:03-08:13, 08:15-08:16, 08:18-08:19N, 08:21-08:27, 08:29-08:34, 08:36, 08:39, 08:41-08:48, 08:50-08:51, 08:53, 08:55-08:63, 08:65-08:69, 08:72N-08:73, 08:75-08:77, 38:02:01-38:02:03, 38:08, 38:15, 38:17-38:18, 38:23, 38:35, 39:01:01:01-39:01:01:02L, 39:01:03-39:01:11, 39:04-39:06:02, 39:09-39:10:01, 39:11-39:12, 39:16, 39:18-39:20, 39:26-39:28, 39:30-39:36, 39:38Q, 39:40N-39:41, 39:45-39:48, 39:50-39:54, 39:57-39:67, 42:01:01-42:01:02, 42:04-42:07, 42:12-42:13, 42:15, 67:01:01-67:01:02, 67:03
				13		15		*08:03, 08:52, 08:71, 38:01:01, 38:01:03-38:01:05, 38:05-38:07, 38:09-38:14, 38:16, 38:21, 38:24, 38:26-38:28, 38:30-38:34N, 42:10
		11		13				*08:04, 39:39
9	10	11	12	13	14	15	16	Well No.

215	290	170	120	135	100	140	120	Length of spec.
					250	435		PCR product(s)
9	10	11	12	13	14	15	16	Well No.
				13				*08:10, 13:03, 13:45, 13:48, 15:09, 15:30, 15:42, 15:48, 15:58, 15:73, 15:83, 15:86, 15:150, 15:188, 15:224, 15:229, 27:20, 27:27, 35:09:01-35:09:02, 35:18, 35:44, 35:60, 35:87-35:88, 39:10:02, 40:04, 40:06:01:01-40:06:04, 40:68, 40:70, 46:11, 46:18, 51:01:01-51:01:18, 51:01:20-51:02:02, 51:02:04-51:03, 51:05-51:16, 51:19-51:24:04, 51:26, 51:28-51:36, 51:38-51:41N, 51:43-51:44N, 51:48-51:55, 51:57-51:63, 51:65-51:74, 51:76-51:80, 51:82-51:83, 51:86-51:89, 51:91, 51:95-51:115, 51:117-51:121, 52:01:01:01-52:11, 52:13-52:15, 52:17-52:25, 54:01:01-54:05N, 54:07-54:08N, 54:10, 54:12-54:13, 54:17-54:21, 54:23-54:24, 55:01:01-55:03, 55:05, 55:07-55:13, 55:15-55:22, 55:24-55:26, 55:28-55:40, 55:42-55:45, 55:47-55:48, 55:52-55:53, 56:01:01-56:02, 56:04-56:08, 56:10, 56:13-56:17, 56:19N-56:30, 58:08:01-58:08:02, 58:20, 59:01:01:01-59:05, 67:02, 78:01:01-78:07, 82:01-82:03, C*06:21, C*15:24
					14			*08:28, 08:37
				13	14			*08:35
				13				*08:38, 38:04, 39:22, 41:01-41:03:02, 41:05-41:07, 41:09, 41:11-41:14, 41:16-41:17, 41:19, 45:12
								*08:49, 14:10, 15:80, 15:194, 15:223, 35:11:01-35:11:02, 35:21, 53:06, 53:08:01-53:08:02, 55:14, 57:22, 58:19
9	10	11	12	13	14	15	16	Well No.

215	290	170	120	135	100	140	120	Length of spec.
					250	435		PCR product(s)
9	10	11	12	13	14	15	16	Well No.
								<p>*13:01:01-13:01:06, 13:06-13:07N, 13:12-13:13, 13:17, 13:20, 13:25-13:26, 13:28-13:29, 13:36, 13:39, 13:43, 13:50, 15:02:01-15:02:05, 15:13:01-15:13:02, 15:20-15:21, 15:25:01-15:25:03, 15:36, 15:44, 15:77, 15:85, 15:88-15:89, 15:106, 15:112, 15:121, 15:139, 15:144, 15:154, 15:165, 15:170, 15:213-15:214, 27:19, 27:30, 35:01:01:01-35:01:29, 35:03:01-35:03:10, 35:07-35:08:04, 35:10, 35:13-35:15, 35:19-35:20:02, 35:23-35:29, 35:33-35:36, 35:38-35:42:02, 35:45-35:49, 35:52, 35:54-35:57, 35:61-35:63, 35:65Q, 35:69-35:71, 35:74, 35:76-35:78, 35:80, 35:82, 35:85, 35:90-35:94, 35:96, 35:98, 35:100-35:101:02, 35:103-35:112, 35:115-35:116, 35:120-35:124, 35:126, 35:128,</p> <p>35:130N-35:134N, 35:136-35:145N, 35:147-35:148, 35:150, 35:152-35:153, 35:155-35:156, 35:158-35:161, 35:163, 35:165N-35:166, 35:168-35:171, 35:173N, 35:175-35:178, 44:02:01:01-44:09, 44:11-44:13, 44:16-44:17, 44:19N, 44:21-44:30, 44:32-44:40, 44:42-44:46, 44:48-44:52N, 44:55-44:61N, 44:63-44:64:02, 44:66-44:76, 44:78-44:81, 44:83-44:98, 44:101-44:105, 44:107-44:109, 44:111-44:129, 44:131-44:134, 51:42, 53:01:01-53:05, 53:07, 53:09-53:13, 53:15-53:18, 53:20-53:26, 56:09, 56:11, 57:01:01-57:01:04, 57:01:06-57:01:11, 57:04-57:06, 57:08, 57:10, 57:14-57:16, 57:18-57:20, 57:23-57:27, 57:29-57:30, 57:32-57:38, 57:40-57:41, 57:43-57:45, 57:48-57:52, 58:01:01-58:01:02, 58:01:04-58:01:09, 58:04, 58:09-58:15, 58:17N, 58:21-58:24, 58:29-58:34, 83:01, C*03:102</p>
				13				<p>*13:22:01-13:22:02, 35:02:01-35:02:04, 35:04:01-35:04:03, 35:06, 35:12:01-35:12:03, 35:59, 35:81, 35:83, 35:95, 35:129N, 35:146, 35:149, 35:154, 35:157, 35:172, 44:10, 44:14, 44:62, 44:77, 44:82, 51:04, 51:46, 51:56:01-51:56:02, 53:19, 56:12, 57:02:01-57:03:02, 57:07, 57:09, 57:12, 57:17, 57:28N, 57:46, 58:28</p>
			12					*13:23, 15:204, 35:50, 35:84, 37:21-37:22, 37:26, 58:05
				w				*13:40, 51:01:19, 51:75, A*26:01:19
	10					15		*14:05, 39:29
	10			13		15		*14:13, 38:19, 39:03, 39:14, 39:24:01-39:24:02, 39:37
9	10	11	12	13	14	15	16	Well No.
215	290	170	120	135	100	140	120	Length of spec.

					250	435		PCR product(s)
9	10	11	12	13	14	15	16	Well No.
		11						*15:03:01-15:03:03, 15:61, 15:64, 15:69, 15:98, 15:103, 15:127, 15:131-15:132, 15:158, 15:173, 15:210, 15:220
9	10				14	15		*15:07:01-15:07:02, 15:126, 15:207, 46:12
9	10					15		*15:45
		11						*15:47
		11						*15:49, 15:65, 15:221, 35:99, 46:03, 57:13
		11						*15:54, 15:91, 15:123, 15:151, 15:156, 18:01:13, 18:25, 18:43
	10				14	15		*15:55, 35:05:01-35:05:02, 35:51, 35:72, 35:89, 35:97, 53:14, 58:18
		11						*15:62
9	10	11			14	15		*15:68
			12					*15:71, 15:116, 15:124, 15:175, 15:225, 18:07:01-18:07:02, 18:29, 18:33, 27:75, 46:14, C*07:123, C*07:173
							16	*15:230, C*02:23
		11	12					*18:01:01-18:01:12, 18:01:14-18:03, 18:05-18:06, 18:08-18:13, 18:17N-18:20, 18:23N-18:24, 18:27-18:28, 18:31-18:32, 18:34, 18:36-18:42, 18:44-18:56, 18:58-18:60, 18:62-18:66, 37:01:08-37:02
	10	11	12		14	15		*18:14
		11	12					*18:15, 18:57
		11	12					*18:21, 18:30
	10	11	12					*18:22
		11	12	13				*18:26, 18:61, 37:12
		11	12					*18:35
	10			13				*27:07, 27:11, 27:33, 27:43, 35:31, 40:02:01-40:02:09, 40:02:11-40:02:12, 40:05, 40:08, 40:13, 40:39-40:40, 40:94, 40:97, 40:122, 40:142N-40:144N, 51:81, 55:04, 55:49, 55:51, 58:27
	10							*27:24
	10					15		*27:32, 44:54, 44:106
	10							*27:34, 40:02:10, 40:89, C*03:05, C*03:25, C*03:27, C*08:08
								*27:36
	10							*35:16-35:17, 35:30, 35:113, 35:125, 35:164, 44:110
	10			13		15		*35:22, 51:64
	10				14	15		*35:58
9					14	15		*35:66
9	10	11	12	13	14	15	16	Well No.
215	290	170	120	135	100	140	120	Length of spec.
					250	435		PCR product(s)

9	10	11	12	13	14	15	16	Well No.
	10				14			*35:114, 40:03
			12	13				*35:162, 57:39
		11	12					*37:01:01-37:01:06, 37:03N-37:06, 37:08, 37:10-37:11, 37:13-37:20, 37:23-37:25, 37:27-37:31
		11						*37:01:07, 44:130
9		11	12				16	*37:07
	10	11	12					*37:09
						15		*38:01:02, 38:22
				13		15		*38:20
				13		15		*38:25
				w				*39:01:12, 39:56
		11						*39:23, 39:49
				13				*39:42
								*40:01:01-40:01:17, 40:01:19-40:01:23, 40:07, 40:60, 40:66, 40:73, 40:79, 40:124:01, 40:138-40:140, 40:146- 40:147, 40:150, 40:152-40:153, 40:155N
								*40:01:18
	10							*40:09, 40:18, 40:24, 40:85, 40:91
								*40:10:01-40:10:02, 40:21-40:22N, 40:33, 40:38, 40:42- 40:43, 40:46-40:47, 40:49, 40:54-40:55, 40:61, 40:63, 40:67, 40:74, 40:76, 40:81, 40:84, 40:87:01-40:88, 40:100- 40:102, 40:112-40:114, 40:116-40:118N, 40:123, 40:124:02-40:126, 40:128, 40:132, 40:134-40:135, 40:137, 40:141, 40:151, 40:154, 40:156, 40:160, 40:168, 40:170- 40:172
				13				*40:11:01-40:11:02, 40:26, 40:53, 40:64, 40:75, 40:86, 40:93, 40:95-40:96, 40:99, 40:103, 40:109-40:110, 40:127, 40:129, 40:148, 40:161-40:162, 40:165, 40:167
		11						*40:12
				13				*40:14:01-40:14:03, 40:121, 40:136
9				13			16	*40:15
9				13			16	*40:16
	10			13				*40:19, 40:27:01-40:27:02, 40:29, 40:37, 40:50, 40:56- 40:58, 40:78, 40:82, 40:90, 40:104, 40:107, 40:111, 40:115, 40:119, 40:133Q, 40:145, 40:157, 40:164, 40:169, 40:173
							16	*40:23
								*40:25, 40:69, 40:106, 40:166, 44:31
				13				*40:28
9	10	11	12	13	14	15	16	Well No.
215	290	170	120	135	100	140	120	Length of spec.
					250	435		PCR product(s)
9	10	11	12	13	14	15	16	Well No.

									*40:30, 40:34
									*40:31, 40:45, 40:80
9								16	*40:32, 40:98
	10			13		15			*40:35, 40:71
									*40:36, 40:48
									*40:44, 40:92, 40:120, 40:130-40:131, 40:159, 40:163
									*40:51, 41:04, 41:10, 41:18, 45:01-45:05, 45:07-45:11, 45:13, 49:02, 50:01:01-50:02, 50:04-50:14
			12						*40:52
			12						*40:59
									*40:62, 40:65, 40:108
				w					*40:72:01-40:72:02
				w					*40:77
			12	13					*40:83
	10			13	14				*40:105
		11							*40:149
				13				16	*40:158
				13					*41:08
	10			13					*41:15
			12	13					*42:02
	10			13					*42:08, 42:14
			12		14				*42:09
						15			*44:18, 49:01:01-49:01:03, 49:05-49:20
			12						*46:06
			12			15			*49:03
						15			*49:04
			12	13					*51:116
		11		13					*52:16
				w					*57:42
			12						*73:01-73:02
									*81:01, 81:03-81:05
								16	C*04:77
									C*07:38
									HLA-B allele
9	10	11	12	13	14	15	16		Well No.