

INTERPRETATION TABLE												
HLA-C*14 SSP subtyping												
Amplification patterns of the HLA-C*14:02 to 14:49 alleles												
	Well ⁸											
	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	145	145	245	140	210	130	130	210	140	100	205	225
PCR product(s)										145		320
										210		
Length of int.	800	1070	800	1070	1070	1070	1070	1070	1070	1070	1070	1070
pos. control ¹												
5'-primer ²	98	98	98	201	368	368	201	134	361	368	419	356
	5'-CTC ^{3'}	5'-CTC ^{3'}	5'-CTC ^{3'}	5'-CCA ^{3'}	5'-gTT ^{3'}	5'-gTA ^{3'}	5'-CCg ^{3'}	5'-CCA ^{3'}	5'-AgT ^{3'}	5'-gTT ^{3'}	5'-gTC ^{3'}	5'-CCC ^{3'}
												3 rd
												5'-Cgg ^{3'}
3'-primer(s) ³	201	201	302	302	538	459	289	302	459	426	585	538
	5'-CTC ^{3'}	5'-CTT ^{3'}	5'-ggT ^{3'}	5'-ggC ^{3'}	5'-CCg ^{3'}	5'-AgA ^{3'}	5'-AgC ^{3'}	5'-ggC ^{3'}	5'-AgA ^{3'}	5'-TCT ^{3'}	5'-AgT ^{3'}	5'-CCg ^{3'}
	205						289			471		872
	5'-CCT ^{3'}						5'-AgC ^{3'}			539		5'-CCA ^{3'}
										539		
									5'-TCA ^{3'}			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-C allele ^{4,5}												
*14:02:01, 14:02:04-14:02:11, 14:30, 14:36-14:37, 14:39-14:40, 14:42-14:44, 14:46, 14:48	1				5				9			
*14:02:02	1				5							
*14:02:03		2		4	5				9			
*14:03, 14:38, 14:41		2		4	5			8	9			
*14:04	1		3		5		7		9			
*14:05	1					6			9			
*14:06	1								9	10		
*14:07N	1				5				9		11	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	145	145	245	140	210	130	130	210	140	100	205	225
PCR product(s)										145		320
										210		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*14:08		2		4					9			12
*14:09	1					6						
*14:10		2		4	5			8	9			
*14:11	1				5				9			
*14:12	1		3		5				9			

*14:13	1				5				9				
*14:14	1				5				9				
*14:15	1								9	10			
*14:16	1								9				
*14:17	1				5								
*14:18, 14:29 ⁶	1				5				9				
*14:19	1				5				9				
*14:20	1				5				9				
*14:21N	1				5				9	10			
*14:22	1			4	5			8	9				
*14:23	1				5				9				12
*14:24:01-14:24:02, 14:31 ⁷	1				5				9				
*14:25	1				5				9				
*14:26	1				5				9				
*14:27	1				5				9				
*14:28	1												
*14:32	1				5				9				
*14:33	1				5				9				
*14:34					5				9				
*14:35N		2		4				8	9				
*14:45	1								9				
*14:47N	1				5				9	10			
*14:49	1		3		5		7		9				
*01:14, 02:02:13, 05:01:12, 05:29:02, 06:44, 06:61, 15:02:10, B*35:222													
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
Length of spec.	145	145	245	140	210	130	130	210	140	100	205	225	
PCR product(s)										145		320	
										210			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
*01:17, 01:23, 06:11, 06:82, 07:01:01:01-07:02:07, 07:02:10- 07:02:28, 07:02:30-07:02:31, 07:02:33-07:06, 07:08, 07:10- 07:19, 07:22-07:33N, 07:35- 07:38:02, 07:41-07:63, 07:65- 07:68, 07:70-07:71, 07:73-07:75, 07:77-07:95, 07:97-07:126, 07:128- 07:151, 07:153-07:155, 07:157- 07:176, 07:178-07:209, 07:211- 07:222, 07:224-07:237, 07:239- 07:241, 07:243-07:262, 07:264N- 07:266, 07:268-07:294, 07:296- 07:299, 12:03:04, 12:03:09, B*07:13, B*07:15, B*07:160, B*42:18							7						

*01:21, 07:02:09, 08:01:01-08:01:06, 08:01:08-08:02:06, 08:02:08-08:09, 08:11-08:33:01, 08:33:03-08:63, 08:65-08:74, 12:02:01-12:03:03, 12:03:05-12:03:08, 12:03:10-12:03:19, 12:03:21-12:03:23, 12:03:25, 12:06-12:08, 12:10:01-12:20, 12:22-12:26, 12:28-12:32, 12:34-12:40, 12:42Q-12:53, 12:56-12:59, 12:61-12:71, 12:73-12:94, 16:01:01, 16:01:03-16:01:05, 16:01:07-16:01:13, 16:04:01, 16:06-16:08, 16:10-16:11, 16:13-16:18, 16:20-16:24, 16:26-16:33, 16:35-16:36, 16:38-16:45, 16:49-16:55, B*35:08:02, B*35:08:05, B*67:02				4									
*01:48, 03:02:08, 03:04:27, 03:04:30, 03:05, 03:14, 03:25, 03:40:02, 03:43:02, 03:58, 03:86-03:87, 03:89-03:90, 03:94, 03:102-03:103, 03:119, 03:122, 03:128, 03:135, 03:143, 03:153, 03:167, 03:178, 15:43, B*55:30								8					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
Length of spec.	145	145	245	140	210	130	130	210	140	100	205	225	
PCR product(s)										145		320	
										210			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
*02:12, 15:21				w				w					
*02:17													
*02:27:01-02:27:02, 15:07, 15:25, 16:34				4				8					
*03:02:01-03:02:07, 03:02:09-03:03:14, 03:03:16-03:04:16, 03:04:18-03:04:24, 03:04:26, 03:04:28-03:04:29, 03:04:31-03:04:35, 03:06, 03:08-03:09, 03:12-03:13, 03:16, 03:19-03:22Q, 03:24, 03:26, 03:28, 03:30-03:31, 03:33-03:36, 03:40:01, 03:40:03-03:43:01, 03:44, 03:46-03:49, 03:51-03:57, 03:59, 03:61-03:63, 03:65-03:68, 03:70, 03:72-03:85, 03:91-03:93, 03:95-03:98, 03:100-03:101, 03:104-03:106, 03:108-03:114, 03:116:01-03:118, 03:120-03:121N, 03:123-03:127, 03:129, 03:131-03:133, 03:137-03:139, 03:141-03:142, 03:144-03:152, 03:154-03:162, 03:164-03:166, 03:168-03:177, 03:179-03:185						6		8					
*03:03:15						6		w					

*03:04:17, 03:11:01-03:11:02, 03:18, 03:37:01-03:37:02, 03:39, 03:50, 03:64:01-03:64:02, 03:107, 03:115, 03:134, 03:140, <i>B*15:78:03</i>						6							
*03:04:25			4			6		8					
*03:07						6							
*03:10, 03:29						6		w					
*03:15						6	7						
*03:17, 03:71						6		8	9				
*03:23						6		8					
*03:27, 07:20, 07:96:01-07:96:02, 07:127, 07:263							7	8					
*03:32, 03:60						6		8					
*03:38:01-03:38:02, 03:69						6	7	8					
*03:45						6							
*03:88						6		8					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
Length of spec.	145	145	245	140	210	130	130	210	140	100	205	225	
PCR product(s)										145		320	
										210			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
*03:130						6	7						
*03:136						6	7	8					
*03:163						6	7						
*04:01:01:01-04:01:04, 04:01:06, 04:01:08, 04:01:10-04:01:22, 04:01:24-04:01:28, 04:01:30- 04:01:32, 04:01:34-04:01:48, 04:04:01, 04:05, 04:07-04:10, 04:12-04:14, 04:18-04:20, 04:23- 04:25, 04:27-04:28, 04:30-04:32, 04:34-04:35, 04:38-04:41, 04:43- 04:51, 04:53-04:54, 04:57-04:70, 04:72-04:79, 04:81-04:89, 04:91- 04:94:01, 04:95N-04:97, 04:99, 04:101-04:102, 04:104-04:106, 04:108-04:139, 04:141-04:144		2	3										
*04:01:05, 04:01:07, 04:01:09, 04:01:33, 04:04:02, 04:33, 04:94:02, 04:98:01-04:98:02, 05:78, 15:36		2	3										
*04:01:23			3				7						
*04:01:29		2											
*04:03, 04:06, 04:16, 04:42, 04:71, 04:103													
*04:11, 12:55		2		4									
*04:15:01-04:15:03, 04:17, 04:100		2	3			6							
*04:26, 04:90		w	w										
*04:29, 04:36		2		4									
*04:37		2	3						9				
*04:52		2	3										
*04:55		2		4									
*04:56			3										
*04:80						6							

*04:140		2	3										
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
Length of spec.	145	145	245	140	210	130	130	210	140	100	205	225	
PCR product(s)										145		320	
										210			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
*06:02:01:01-06:02:01:02, 06:02:03-06:02:07, 06:02:09-06:04, 06:06-06:10, 06:12-06:43, 06:45-06:60, 06:62-06:76:01, 06:77-06:81, 06:83-06:96, 07:07, 07:09, 07:76, 12:04:01, 17:01:01:01-17:01:03, 17:01:05-17:19							7						
*06:02:08						6	7		9				
*07:02:32, 07:242							7						
*07:64	1						7						
*07:223							w						
*07:267							7						
*08:01:07, 08:02:07, 08:33:02				4		6							
*12:03:20, 16:01:06				4		6			9				
*12:03:24, 12:72, 16:37				w									
*18:01-18:06							7						
<i>B*15:258N</i>											11		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	

			16												*14:13
13															*14:14
	14														*14:15
				17											*14:16
					18										*14:17
						19									*14:18, 14:29 ⁶
							20								*14:19
								21							*14:20
															*14:21N
				17											*14:22
															*14:23
									22						*14:24:01-14:24:02, 14:31 ⁷
											23				*14:25
					18										*14:26
				17											*14:27
							20								*14:28
								21			23				*14:32
												24			*14:33
												24			*14:34
							20								*14:35N
															*14:45
					17										*14:47N
		15	16												*14:49
		15													*01:14, 02:02:13, 05:01:12, 05:29:02, 06:44, 06:61, 15:02:10, B*35:222
13	14	15	16	17	18	19	20	21	22	23	24				Well No.
125	200	150	410	150	90	85	105	125	95	125	145				Length of spec.
285	290			210	185	185	140	230	250	230					PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24				Well No.
															*01:17, 01:23, 06:11, 06:82, 07:01:01:01-07:02:07, 07:02:10-07:02:28, 07:02:30-07:02:31, 07:02:33-07:06, 07:08, 07:10-07:19, 07:22-07:33N, 07:35-07:38:02, 07:41-07:63, 07:65-07:68, 07:70-07:71, 07:73-07:75, 07:77-07:95, 07:97-07:126, 07:128-07:151, 07:153-07:155, 07:157-07:176, 07:178-07:209, 07:211-07:222, 07:224-07:237, 07:239-07:241, 07:243-07:262, 07:264N-07:266, 07:268-07:294, 07:296-07:299, 12:03:04, 12:03:09, B*07:13, B*07:15, B*07:160, B*42:18

															*01:21, 07:02:09, 08:01:01-08:01:06, 08:01:08-08:02:06, 08:02:08-08:09, 08:11-08:33:01, 08:33:03-08:63, 08:65-08:74, 12:02:01-12:03:03, 12:03:05-12:03:08, 12:03:10-12:03:19, 12:03:21-12:03:23, 12:03:25, 12:06:12:08, 12:10:01-12:20, 12:22-12:26, 12:28-12:32, 12:34-12:40, 12:42Q-12:53, 12:56-12:59, 12:61-12:71, 12:73-12:94, 16:01:01, 16:01:03-16:01:05, 16:01:07-16:01:13, 16:04:01, 16:06-16:08, 16:10-16:11, 16:13-16:18, 16:20-16:24, 16:26-16:33, 16:35-16:36, 16:38-16:45, 16:49-16:55, <i>B*35:08:02, B*35:08:05, B*67:02</i>
															*01:48, 03:02:08, 03:04:27, 03:04:30, 03:05, 03:14, 03:25, 03:40:02, 03:43:02, 03:58, 03:86-03:87, 03:89-03:90, 03:94, 03:102-03:103, 03:119, 03:122, 03:128, 03:135, 03:143, 03:153, 03:167, 03:178, 15:43, <i>B*55:30</i>
13	14	15	16	17	18	19	20	21	22	23	24	Well No.			
125	200	150	410	150	90	85	105	125	95	125	145	Length of spec.			
285	290			210	185	185	140	230	250	230		PCR product(s)			
13	14	15	16	17	18	19	20	21	22	23	24	Well No.			
												*02:12, 15:21			
				17							23	*02:17			
												*02:27:01-02:27:02, 15:07, 15:25, 16:34			
												*03:02:01-03:02:07, 03:02:09-03:03:14, 03:03:16-03:04:16, 03:04:18-03:04:24, 03:04:26, 03:04:28-03:04:29, 03:04:31-03:04:35, 03:06, 03:08-03:09, 03:12-03:13, 03:16, 03:19-03:22Q, 03:24, 03:26, 03:28, 03:30-03:31, 03:33-03:36, 03:40:01, 03:40:03-03:43:01, 03:44, 03:46-03:49, 03:51-03:57, 03:59, 03:61-03:63, 03:65-03:68, 03:70, 03:72-03:85, 03:91-03:93, 03:95-03:98, 03:100-03:101, 03:104-03:106, 03:108-03:114, 03:116:01-03:118, 03:120-03:121N, 03:123-03:127, 03:129, 03:131-03:133, 03:137-03:139, 03:141-03:142, 03:144-03:152, 03:154-03:162, 03:164-03:166, 03:168-03:177, 03:179-03:185			
												*03:03:15			

			16			19							*04:140
13	14	15	16	17	18	19	20	21	22	23	24	Well No.	
125	200	150	410	150	90	85	105	125	95	125	145	Length of spec.	
285	290			210	185	185	140	230	250	230		PCR product(s)	
13	14	15	16	17	18	19	20	21	22	23	24	Well No.	
		15										*06:02:01:01-06:02:01:02, 06:02:03 06:02:07, 06:02:09-06:04, 06:06- 06:10, 06:12-06:43, 06:45-06:60, 06:62-06:76:01, 06:77-06:81, 06:83 06:96, 07:07, 07:09, 07:76, 12:04:01, 17:01:01:01-17:01:03, 17:01:05-17:19	
		15	16									*06:02:08	
			16									*07:02:32, 07:242	
												*07:64	
												*07:223	
											24	*07:267	
												*08:01:07, 08:02:07, 08:33:02	
												*12:03:20, 16:01:06	
												*12:03:24, 12:72, 16:37	
		15	16									*18:01-18:06	
												<i>B</i> *15:258N	
13	14	15	16	17	18	19	20	21	22	23	24	Well No.	