INTERPRETATION TABLE

HLA-C*02 SSP subtyping

Amplification patterns for the HLA-C*02:02 to 02:36 alleles

	Well[5]											
	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	250	95	95	150	145	160	130	70	200	125	85	150
PCR product			120		240			280			170	230
Length of int.	800	800	800	1070	1070	800	800	1070	1070	1070	800	1070
pos. control[1]												
5'-primer(s)[2]	2nd I	486	486	92	361	419	2nd I	105	703	113	486	97
	5'-CCA 3'	5'-ACA 3'	5'-ACA 3'	5'-gTg 3'	5'-AgT 3'	5'-gTA 3'	5'-CCA 3'	5'-gCT 3'	5'-CTA 3'	5'-CCA 3'	5'-ACA 3'	5'-TCg 3'
					453	420				118		368
					5'-AAT 3'	5'-TTA 3'				5'-CCA 3'		5'-gTT 3'
												449
												5'-CCA 3'
3'-primer(s)[3]	538	538	538	201	559	538	418	134	861	201	527	201
	5'-CCA 3'	5'-CCA 3'	5'-CAg 3'	5'-CTT 3'	5'-CTC 3'	5'-CCA 3'	5'-gTC 3'	5'-AgC 3'	5'-TCg 3'	5'-CTT 3'	5'-CCg 3'	5'-CTT 3'
			555					343			538	559
			5'-CCg 3'					5'-g 3'			5'-CCg 3'	5'-CTC 3'
			578								613	
			5'-TgT 3'								5'-gCA 3'	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-C allele[4]												
*02:02:01-02:02:03, 02:02:06-02:02:11	1	2							9	10		
*02:02:05	1								9	10		
*02:03			3						9	10		
*02:04	1	2		4					9	10		
*02:05	1				5				9	10		
*02:06	1					6			9	10		
*02:07	1	2					7		9	10		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	250	95	95	150	145	160	130	70	200	125	85	150
PCR product			120		240			280			170	230
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*02:08	1	2						8	9	10		
*02:09	1	2							9	10	11	

***02:10**	**1**									**10**		
***02:11**	**1**	**2**							**9**	**10**		**12**
***02:12**	**1**								**9**	**10**		
***02:13**	**1**	**2**							**9**	**10**		
***02:14**	**1**									**10**		**12**
***02:15, 02:21**[6]	**1**	**2**							**9**	**10**		
***02:16:01**									**9**	**10**		
***02:16:02**			**3**						**9**	**10**		
***02:17**	**1**				**5**				**9**	**10**		**12**
***02:18**			**3**						**9**	**10**	**11**	
***02:19**	**1**	**2**				**6**			**9**	**10**		
***02:20**	**1**	**2**	**3**						**9**	**10**		
***02:22**	**1**	**2**			**5**				**9**	**10**		
***02:23**	**1**	**2**							**9**	**10**		
***02:24**	**1**	**2**							**9**	**10**		
***02:25Q, 02:30**[7]	**1**	**2**							**9**	**10**		
***02:26:01-02:26:02**	**1**	**2**							**9**			
***02:27**	**1**	**2**							**9**	**10**		
***02:28**	**1**	**2**							**9**	**10**		
***02:29**	**1**	**2**								**10**		
***02:31**	**1**	**2**	**3**						**9**	**10**		
***02:32**									**9**	**10**	**11**	
***02:33**	**1**							**8**	**9**	**10**		
***02:34**	**1**	**2**							**9**	**10**		
***02:35**	**1**	**2**							**9**	**10**		
***02:36**	**1**	**2**							**9**	**10**		
***01:04, 01:21, 06:11, 06:18, 06:33, 08:27, 08:29, 12:02:01-12:03:11, 12:06-12:08, 12:10:01-12:13, 12:17, 12:22, 12:23, 12:25-12:32, 12:34, 12:35, 14:16, 16:04:01**	**1**											
***01:06, 03:36, 03:77, 07:95**												
***01:09**	**1**					**6**						
01:10, *B*07:02:07					**5**							
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**

Length of spec.	250	95	95	150	145	160	130	70	200	125	85	150
PCR product			120		240			280			170	230
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*01:22, 01:35, 04:04:01-04:04:02, 04:13, 04:58, 08:01:01-08:01:02, 08:03:01-08:04, 08:06, 08:08, 08:09, 08:11, 08:13, 08:14, 08:16, 08:20-08:22, 08:24, 08:26N, 12:14:01-12:14:02, 12:18, 12:20, 14:06, 14:15, *B*58:02*												
*03:07, 03:10, 03:15, 03:29, 03:45, 04:16, 05:01:01:01-05:01:13, 05:03-05:07N, 05:09, 05:10, 05:14-05:16, 05:18, 05:19, 05:21-05:25, 05:28, 05:29, 05:31-05:42, 06:06, 07:07, 07:09, 07:76, 12:09, 16:02:01-16:02:04, 16:12, 16:19, 18:01, 18:02												
*03:21, 03:80						6						
*03:64								8				
*03:81, 16:20												
*04:03, 05:26										10		
*04:06										10		
*04:34												
*04:42												12
*05:08, 06:02:01:01-06:02:01:02, 06:02:03-06:03, 06:07, 06:09, 06:10, 06:12-06:17, 06:19-06:32, 06:34-06:37, 12:04:01-12:05, 12:21, 12:33, 18:03	1											
*05:11, 05:17, 05:27, 06:04, 08:10, 15:04, 17:01:01:01-17:06												
*05:12												
*06:05												w
*06:08	1				5							
*07:02:09, 16:21												12
*08:31	1				5							
*12:15	1					6						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	250	95	95	150	145	160	130	70	200	125	85	150
PCR product			120		240			280			170	230
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*12:16	1											12

***15:02:01-15:03, 15:05:01-15:06:02, 15:09-15:10:01, 15:12, 15:13, 15:15-15:18, 15:20-15:22, 15:24, 15:26-15:28**												
***15:07**												
***15:08**												
***15:10:02**								**8**				
***15:11**										**10**		
***15:19**												
***15:23**												**12**
***16:09**												
***16:10**							**7**					
B*27:34, B*40:02:07, 40:06:02			**3**									
B*57:03:02			**w**									
B*73:01												
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**

INTERPRETATION TABLE

HLA-C*02 SSP subtyping

Amplification patterns for the HLA-C*02:02 to 02:36 alleles

Well[5]												
13	14	15	16	17	18	19	20	21	22	23	24	
225	80	130	250	110	235	210	180	115	110	205	325	Length of spec.
		190		160				205		390		PCR product
1070	800	1070	1070	1070	800	1070	1070	1070	1070	1070	1070	Length of int.
												pos. control[1]
118	486	113	2nd I	486	118	527	369	125	244	322	409	5'-primer(s)[2]
5'-CCA 3'	5'-ACA 3'	5'-CCA 3'	5'-CCA 3'	5'-ACA 3'	5'-CCg 3'	5'-TgT 3'	5'-TAC 3'	5'-CgA 3'	5'-CgC 3'	5'-gCC 3'	5'-ggC 3'	
		369			118			374		703		
		5'-TAC 3'			5'-CCg 3'			5'-CTA 3'		5'-CTA 3'		
302	527	201	538	555	312	3rd I	506	201	312	419	3rd I	3'-primer(s)[3]
5'-ggC 3'	5'-CCg 3'	5'-CTT 3'	5'-CAg 3'	5'-CCg 3'	5'-AgT 3'	5'-CTC 3'	5'-Tgg 3'	5'-CTT 3'	5'-AgT 3'	5'-Cgg 3'	5'-CTC 3'	
302		518		603				538		865		
5'-ggC 3'		5'-CCA 3'		5'-TTg 3'				5'-CCA 3'		5'-CCT 3'		
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												HLA-C allele[4]
												*02:02:01-02:02:03, 02:02:06-02:02:11
												*02:02:05
			16			19						*02:03
												*02:04
												*02:05
											24	*02:06
												*02:07
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
225	80	130	250	110	235	210	180	115	110	205	325	Length of spec.
		190		160				205		390		PCR product
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												*02:08
												*02:09

												*02:10
												*02:11
13												*02:12
	14											*02:13
												*02:14
		15										*02:15, 02:21[6]
			16									*02:16:01
			16									*02:16:02
												*02:17
			16									*02:18
												*02:19
												*02:20
												*02:22
				17							24	*02:23
							20					*02:24
								21				*02:25Q, 02:30[7]
					18							*02:26:01-02:26:02
13												*02:27
						19						*02:28
										23		*02:29
				17								*02:31
												*02:32
												*02:33
									22			*02:34
										23		*02:35
											24	*02:36
												*01:04, 01:21, 06:11, 06:18, 06:33, 08:27, 08:29, 12:02:01-12:03:11, 12:06-12:08, 12:10:01-12:13, 12:17, 12:22, 12:23, 12:25-12:32, 12:34, 12:35, 14:16, 16:04:01
						19						*01:06, 03:36, 03:77, 07:95
												*01:09
												*01:10, *B*07:02:07*
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

225	80	130	250	110	235	210	180	115	110	205	325	Length of spec.
		190		160				205		390		PCR product
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
			16									*01:22, 01:35, 04:04:01-04:04:02, 04:13, 04:58, 08:01:01-08:01:02, 08:03:01-08:04, 08:06, 08:08, 08:09, 08:11, 08:13, 08:14, 08:16, 08:20-08:22, 08:24, 08:26N, 12:14:01-12:14:02, 12:18, 12:20, 14:06, 14:15, *B*58:02*
					18							*03:07, 03:10, 03:15, 03:29, 03:45, 04:16, 05:01:01:01-05:01:13, 05:03-05:07N, 05:09, 05:10, 05:14-05:16, 05:18, 05:19, 05:21-05:25, 05:28, 05:29, 05:31-05:42, 06:06, 07:07, 07:09, 07:76, 12:09, 16:02:01-16:02:04, 16:12, 16:19, 18:01, 18:02
												*03:21, 03:80
												*03:64
											24	*03:81, 16:20
												*04:03, 05:26
			16									*04:06
			16			19						*04:34
					18							*04:42
					18							*05:08, 06:02:01:01-06:02:01:02, 06:02:03-06:03, 06:07, 06:09, 06:10, 06:12-06:17, 06:19-06:32, 06:34-06:37, 12:04:01-12:05, 12:21, 12:33, 18:03
			16		18							*05:11, 05:17, 05:27, 06:04, 08:10, 15:04, 17:01:01:01-17:06
					18	19						*05:12
					18							*06:05
					18							*06:08
												*07:02:09, 16:21
												*08:31
											24	*12:15
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
225	80	130	250	110	235	210	180	115	110	205	325	Length of spec.
		190		160				205		390		PCR product
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												*12:16

			16		18						24	*15:02:01-15:03, 15:05:01-15:06:02, 15:09-15:10:01, 15:12, 15:13, 15:15-15:18, 15:20-15:22, 15:24, 15:26-15:28
			16								24	*15:07
					18						24	*15:08
			16		18						24	*15:10:02
			16								24	*15:11
			16		18			21			24	*15:19
			16		18						24	*15:23
					18				22			*16:09
												*16:10
												*B*27:34, B*40:02:07, 40:06:02*
												*B*57:03:02*
						w						*B*73:01*
13	14	15	16	17	18	19	20	21	22	23	24	Well No.