

INTERPRETATION TABLE												
HLA-C low resolution SSP typing												
Amplification patterns of the C*01:02 to C*18:04 alleles												
	Well⁵											
	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	155	130	280	170	280	130	390	130	245	115	340	100
PCR product(s)		200		275		335		355	425	165		160
		270								265		220
		300								390		
Length of int.	800	800	800	1070	800	800	1070	800	800	800	1070	800
pos. control ¹												
5'-primer(s) ²	89	47	105	355	105	47	1 st	28	47	1 st	1 st	176
	5'-gAA ^{3'}	5'-Agg ^{3'}	5'-gCT ^{3'}	5'-TCA ^{3'}	5'-gCT ^{3'}	5'-Agg ^{3'}	5'-CgA ^{3'}	5'-TCA ^{3'}	5'-Agg ^{3'}	5'-CgA ^{3'}	5'-CgA ^{3'}	5'-gCA ^{3'}
		89		459		112		2 nd	648	176		361
		5'-gAA ^{3'}		5'-gAT ^{3'}		5'-CCT ^{3'}		5'-CCA ^{3'}	5'-CAC ^{3'}	5'-gCA ^{3'}		5'-AgT ^{3'}
		2 nd				118				527		419
		5'-CCA ^{3'}				5'-CCA ^{3'}				5'-TAC ^{3'}		5'-gTC ^{3'}
		703										
		5'-CTA ^{3'}										
3'-primer(s) ³	201	176	343	589	343	201	302	213	302	175	302	289
	5'-CTC ^{3'}	5'-ACT ^{3'}	5'-C ^{3'}	5'-CTT ^{3'}	5'-T ^{3'}	5'-CTT ^{3'}	5'-ggT ^{3'}	5'-Cgg ^{3'}	5'-ggC ^{3'}	5'-CCg ^{3'}	5'-ggT ^{3'}	5'-AgC ^{3'}
	201	559	343			218		420	853	302	304	289
	5'-CTT ^{3'}	5'-CTC ^{3'}	5'-g ^{3'}			5'-gCT ^{3'}		5'-gCT ^{3'}	5'-CAT ^{3'}	5'-ggC ^{3'}	5'-CAA ^{3'}	5'-AgC ^{3'}
		861								601		474
		5'-TCg ^{3'}								5'-CTT ^{3'}		5'-gCA ^{3'}
												477
												538
												5'-gCA ^{3'}
												5'-gCA ^{3'}
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-C allele⁴												
*01:02:01-01:02:13, 01:06-01:08, 01:11-01:13, 01:15-01:20, 01:23, 01:25-01:33, 01:37N-01:42, 01:44- 01:45	1											
*01:03, 01:24, 01:34	1											
*01:04	1											12
*01:05, 01:22, 01:35-01:36, <i>B*54:18</i>	1											
*01:09	1											
*01:10	1	2										
*01:14	1										11	
*01:21	1											12
*01:43	1	2								10		
*02:02:01		2	3			6					11	
*02:02:02-02:02:03, 02:02:05- 02:02:12, 02:02:14-02:03, 02:07- 02:11, 02:15-02:16:02, 02:19- 02:20, 02:23-02:25Q, 02:28-02:32, 02:34-02:38N, 02:40, 02:42-02:44, 02:46		2	3			6					11	
*02:02:13, 02:21, 02:26:02, 02:39, 02:45		2	3								11	
*02:04		2	w			6					11	
*02:05, 02:17		2	3			6					11	
*02:06		2	3			6		8			11	
*02:12		2	3			6						
*02:13, 02:18, 02:33		2	3			6					11	
*02:14		2	w			6					11	
*02:22		2	3			6					11	
*02:26:01		2									11	
*02:27:01-02:27:02		2	3			6						
*03:02:01-03:02:06, 03:05, 03:17, 03:25, 03:27, 03:33, 03:35-03:36, 03:60, 03:71, 03:84, 03:89, 03:95			3	4								
*03:03:01-03:03:13, 03:11:01- 03:12, 03:20N-03:22Q, 03:30- 03:31, 03:43:01-03:43:02, 03:49- 03:50, 03:52-03:53, 03:55-03:56, 03:59, 03:61-03:62, 03:66, 03:68- 03:69, 03:75-03:76, 03:79, 03:83, 03:85, 03:88, 03:96, 03:102				4	5							
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-C allele⁴												
*03:04:01:01-03:04:06, 03:04:08-03:04:19, 03:06, 03:08-03:09, 03:14, 03:19, 03:23-03:24, 03:26, 03:28, 03:32, 03:34, 03:37-03:38:02, 03:40, 03:42, 03:44, 03:46-03:48, 03:51, 03:54, 03:57, 03:63-03:65, 03:70, 03:72-03:74, 03:77-03:78, 03:82, 03:87, 03:90-03:93, 03:98, 03:100-03:101			3	4								
*03:04:07, 03:41, 03:80			3									
*03:07, 03:45			3	4							11	
*03:10, 03:29			3	4								
*03:13, 03:97				4	5							
*03:15			3	4							11	
*03:16			3									
*03:18, 03:39				4								
*03:58					5							
*03:67				4	w							
*03:81				4	5							
*03:86					5							
*03:94			3									
*03:99												
*04:01:01:01-04:01:15, 04:01:17-04:01:22, 04:01:24-04:01:26, 04:04:01-04:05, 04:07-04:09N, 04:12-04:15:02, 04:17-04:20, 04:24-04:28, 04:30-04:31, 04:34-04:35, 04:38-04:41, 04:43-04:53, 04:56-04:57, 04:59Q-04:71, 04:73-04:76, 04:78-04:79, 04:81						6					11	
*04:01:16, 04:23, 04:54, 04:72						6					11	
*04:01:23, 04:33						6					11	
*04:03, 04:06, 04:80			3			6					11	
*04:10						6					11	
*04:11						6						
*04:16			3								11	
*04:29						6						
*04:32, 04:77		2				6					11	
*04:36, 04:55						6						
*04:37						6					11	
*04:42											11	
*04:58						6					11	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-C allele⁴												
*05:01:01:01-05:01:15, 05:03, 05:05-05:15, 05:18-05:19, 05:21, 05:24, 05:27-05:35, 05:37-05:41, 05:44-05:45, 05:47-05:51Q							7				11	
*05:04, 05:22							7				11	
*05:16							7				11	
*05:17, 05:25							7				11	
*05:20, 05:43							7				11	
*05:23							7				11	
*05:26						6	7				11	
*05:36							7				11	
*05:42							7				11	12
*05:46							7				11	12
*06:02:01:01-06:02:01:02, 06:02:03-06:02:11, 06:07, 06:10, 06:12-06:13, 06:15-06:16N, 06:18-06:30, 06:33-06:34, 06:36-06:39, 06:41-06:51, 06:53-06:55								8			11	
*06:03			3					8			11	
*06:04, 06:40								8			11	
*06:05								8			11	
*06:06								8			11	
*06:08		2						8			11	
*06:09								8			11	
*06:11, 06:52								8				
*06:14, 06:35								8			11	
*06:17											11	
*06:31								8			11	
*06:32											11	
*07:01:01-07:02:07, 07:02:10-07:06, 07:08, 07:11-07:25, 07:27:01-07:27:02, 07:29-07:30, 07:32N, 07:35-07:38, 07:42, 07:44-07:48, 07:50-07:63, 07:65-07:75, 07:77-07:91, 07:93-07:95, 07:97-07:100, 07:102-07:122, 07:124, 07:126-07:138, 07:140-07:147, 07:149-07:151, 07:153-07:155, 07:157-07:160									9			
*07:02:08, 07:26, 07:33N, 07:39-07:40, 07:92, 07:139, 07:152N, 07:156									9			
*07:02:09						6			9			
*07:07, 07:09, 07:49, 07:76									9		11	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-C allele ⁴												
*07:10, 07:28, 07:41, 07:43									9			
*07:31									9			
*07:64									9			
*07:96			3						9			
*07:101, 07:148		2							9	10		12
*07:123									9			
*07:125						6			9			
*08:01:01-08:01:03, 08:03:01-08:03:02, 08:06, 08:08, 08:14, 08:16, 08:20, 08:22, 08:24, 08:26N, 08:28, 08:36N, 08:38, 08:40-08:42, 08:44										10		
*08:02:01-08:02:05, 08:04, 08:13, 08:15, 08:17-08:19, 08:23, 08:27, 08:29-08:30, 08:32-08:35, 08:37, 08:39, 08:43										10		
*08:05										10		12
*08:07										10		
*08:09, 08:11										10		
*08:10							7			10	11	
*08:12										10		
*08:21										10		12
*08:25										10		
*08:31		2								10		
*12:02:01-12:02:06, 12:10:01-12:10:02, 12:17-12:18, 12:20, 12:22, 12:27, 12:30, 12:36, 12:40												12
*12:03:01:01-12:03:01:02, 12:03:03, 12:03:05-12:03:07, 12:03:10-12:03:14, 12:06-12:07, 12:11-12:13, 12:19, 12:23, 12:25, 12:29, 12:32, 12:34-12:35, 12:37-12:39N, 12:42Q-12:43, 12:45-12:48, 12:50												12
*12:03:02, 12:03:08, 12:26												
*12:03:04												12
*12:03:09								8				12
*12:04:01, 12:33											11	
*12:04:02											11	12
*12:05											11	12
*12:08												12
*12:09											11	
*12:14:01												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-C allele⁴												
*12:14:02												12
*12:15								8				12
*12:16												12
*12:21											11	12
*12:24												12
*12:28												12
*12:31												12
*12:41											11	12
*12:44												12
*12:49												12
*14:02:01-14:03, 14:05, 14:07N, 14:11, 14:13-14:14, 14:18-14:24												
*14:04											11	
*14:06, 14:08-14:09												
*14:10												
*14:12											11	
*14:15												
*14:16												
*14:17												
*14:25		2										
*15:02:01-15:02:07, 15:08, 15:10:02, 15:13, 15:15, 15:17- 15:18, 15:26, 15:28, 15:31-15:35, 15:38-15:39, 15:41, 15:44-15:45			3					8			11	
*15:03, 15:16			3					8			11	
*15:04-15:06:03, 15:09, 15:19- 15:20, 15:24, 15:27, 15:29-15:30, 15:40			3								11	
*15:07			3					8				
*15:10:01								8			11	
*15:11			3			6		8			11	
*15:12					5			8			11	
*15:21			3					8				
*15:22			3								11	
*15:23											11	
*15:25			3									
*15:36						6					11	
*15:37			3					8			11	
*15:42		2	3					8			11	
*15:43			3					8				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-C allele⁴												
*16:01:01-16:01:05, 16:06-16:08, 16:10-16:11, 16:13-16:15:01, 16:16Q-16:17, 16:21-16:24, 16:26-16:28, 16:30N-16:32												
*16:02:01-16:02:05, 16:09, 16:12, 16:19, 16:25											11	
*16:04:01												
*16:15:02												12
*16:18												
*16:20												
*16:29		2										
*17:01:01:01-17:01:03, 17:01:05-17:04, 17:06, 17:08		2									11	
*17:01:04		2									11	
*17:05		2									11	12
*17:07											11	
*18:01-18:02, 18:04											11	
*18:03		2									11	
A*24:106, B*46:25												
B*14:03												
B*67:02												
HLA-C allele⁴												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

INTERPRETATION TABLE												
HLA-C low resolution SSP typing												
Amplification patterns of the C*01:02 to C*18:04 alleles												
Well ⁵											24	
13	14	15	16	17	18	19	20	21	22	23		
120	160	130	255	110	180	225	215	325	135	160	Length of spec. PCR product(s)	
250	220	255		325	210	250	425	380		235		
		555			240							
800	800	1070	1070	1070	1070	800	800	1070	1070	1070	Length of int. pos. control ¹	
201	97	98	98	201	201	2 nd I	47	355	105	97		5'-primer(s) ²
	5'-CCA ^{3'}	5'-TCg ^{3'}	5'-CTA ^{3'}	5'-CTC ^{3'}	5'-CCA ^{3'}	5'-CCA ^{3'}	5'-CCA ^{3'}	5'-Agg ^{3'}	5'-TCA ^{3'}	5'-gCT ^{3'}	5'-TCg ^{3'}	
218	361	368		409	2 nd I		361	412	459	97	3'-primer(s) ³	
	5'-ggA ^{3'}	5'-AgT ^{3'}	5'-gTg ^{3'}	5'-ggC ^{3'}	5'-CCA ^{3'}		5'-AgT ^{3'}	5'-ATA ^{3'}	5'-gAT ^{3'}	5'-TTg ^{3'}		
2 nd I					361					418	3'-primer(s) ³	
					5'-AgT ^{3'}					5'-Agg ^{3'}		
										419		
										5'-gTC ^{3'}		
289	218	312	311	270	341	512	302	3 rd I	201	213	3'-primer(s) ³	
	5'-AgC ^{3'}	5'-gCT ^{3'}	5'-AgT ^{3'}	5'-ggT ^{3'}	5'-TAG ^{3'}	5'-CgT ^{3'}	5'-CCA ^{3'}	5'-ggT ^{3'}	5'-CTC ^{3'}	5'-CTC ^{3'}		5'-Cgg ^{3'}
289	538	361		3 rd I	343	538	527		559	289	3'-primer(s) ³	
	5'-AgC ^{3'}	5'-CCA ^{3'}	5'-CCA ^{3'}		5'-CTC ^{3'}	5'-T ^{3'}	5'-gTC ^{3'}	5'-CCg ^{3'}	5'-CTC ^{3'}	5'-AgC ^{3'}		
539	538	459			343		538			289	3'-primer(s) ³	
	5'-TCT ^{3'}	5'-gCA ^{3'}	5'-AgA ^{3'}		5'-g ^{3'}		5'-CCg ^{3'}			5'-AgC ^{3'}		
					527					539	3'-primer(s) ³	
					5'-CCg ^{3'}					5'-TCT ^{3'}		
					527						3'-primer(s) ³	
					5'-CCg ^{3'}							
					527						3'-primer(s) ³	
					5'-CCg ^{3'}							
					530						3'-primer(s) ³	
					5'-CCA ^{3'}							
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

Negative Control

13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												HLA-C allele ⁴
							20					*01:02:01-01:02:13, 01:06-01:08, 01:11-01:13, 01:15-01:20, 01:23, 01:25-01:33, 01:37N-01:42, 01:44- 01:45
							20	21				*01:03, 01:24, 01:34
	14											*01:04
												*01:05, 01:22, 01:35-01:36, <i>B*54:18</i>
	14											*01:09
							20					*01:10
							20					*01:14
13												*01:21
							20					*01:43
		w										*02:02:01
		15										*02:02:02-02:02:03, 02:02:05- 02:02:12, 02:02:14-02:03, 02:07- 02:11, 02:15-02:16:02, 02:19- 02:20, 02:23-02:25Q, 02:28-02:32, 02:34-02:38N, 02:40, 02:42-02:44, 02:46
		15										*02:02:13, 02:21, 02:26:02, 02:39, 02:45
		15										*02:04
	14	15										*02:05, 02:17
		15		17								*02:06
13		15										*02:12
		15		18								*02:13, 02:18, 02:33
												*02:14
		15						21				*02:22
		15										*02:26:01
												*02:27:01-02:27:02
									22			*03:02:01-03:02:06, 03:05, 03:17, 03:25, 03:27, 03:33, 03:35-03:36, 03:60, 03:71, 03:84, 03:89, 03:95
								21	22			*03:03:01-03:03:13, 03:11:01- 03:12, 03:20N-03:22Q, 03:30- 03:31, 03:43:01-03:43:02, 03:49- 03:50, 03:52-03:53, 03:55-03:56, 03:59, 03:61-03:62, 03:66, 03:68- 03:69, 03:75-03:76, 03:79, 03:83, 03:85, 03:88, 03:96, 03:102
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												HLA-C allele⁴
								21	22			*03:04:01:01-03:04:06, 03:04:08-03:04:19, 03:06, 03:08-03:09, 03:14, 03:19, 03:23-03:24, 03:26, 03:28, 03:32, 03:34, 03:37-03:38:02, 03:40, 03:42, 03:44, 03:46-03:48, 03:51, 03:54, 03:57, 03:63-03:65, 03:70, 03:72-03:74, 03:77-03:78, 03:82, 03:87, 03:90-03:93, 03:98, 03:100-03:101
								21	22			*03:04:07, 03:41, 03:80
		15						21	22			*03:07, 03:45
		15						21	22			*03:10, 03:29
									22			*03:13, 03:97
		15							22			*03:15
									22			*03:16
								21				*03:18, 03:39
		15					20	21	22			*03:58
								21	w			*03:67
				17				21	22			*03:81
		15					20		22			*03:86
		15					20		22			*03:94
		15					20					*03:99
13					18			21				*04:01:01:01-04:01:15, 04:01:17-04:01:22, 04:01:24-04:01:26, 04:04:01-04:05, 04:07-04:09N, 04:12-04:15:02, 04:17-04:20, 04:24-04:28, 04:30-04:31, 04:34-04:35, 04:38-04:41, 04:43-04:53, 04:56-04:57, 04:59Q-04:71, 04:73-04:76, 04:78-04:79, 04:81
13					18							*04:01:16, 04:23, 04:54, 04:72
13								21				*04:01:23, 04:33
13		15			18			21				*04:03, 04:06, 04:80
					18			21				*04:10
			16					21				*04:11
13		15			18			21				*04:16
13			16		18			21				*04:29
13					18			21	22			*04:32, 04:77
			16		18			21				*04:36, 04:55
13		15			18		20	21				*04:37
13	14				18			21		23		*04:42
13					18	19		21				*04:58
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

Negative Control

13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												HLA-C allele ⁴
		15						21				*05:01:01:01-05:01:15, 05:03, 05:05-05:15, 05:18-05:19, 05:21, 05:24, 05:27-05:35, 05:37-05:41, 05:44-05:45, 05:47-05:51Q
		15										*05:04, 05:22
		15					20	21				*05:16
		15			18			21				*05:17, 05:25
								21				*05:20, 05:43
		15				19		21				*05:23
		15						21				*05:26
		15		17				21				*05:36
13		15			18			21				*05:42
13		15						21				*05:46
	14									23		*06:02:01:01-06:02:01:02, 06:02:03-06:02:11, 06:07, 06:10, 06:12-06:13, 06:15-06:16N, 06:18-06:30, 06:33-06:34, 06:36-06:39, 06:41-06:51, 06:53-06:55
	14	15							22			*06:03
										23		*06:04, 06:40
					18		20			23		*06:05
							20			23		*06:06
	14									23		*06:08
	14							21		23		*06:09
	14									23		*06:11, 06:52
								21		23		*06:14, 06:35
	14						20			23		*06:17
	14				18		20			23		*06:31
	14									23		*06:32
										23		*07:01:01-07:02:07, 07:02:10-07:06, 07:08, 07:11-07:25, 07:27:01-07:27:02, 07:29-07:30, 07:32N, 07:35-07:38, 07:42, 07:44-07:48, 07:50-07:63, 07:65-07:75, 07:77-07:91, 07:93-07:95, 07:97-07:100, 07:102-07:122, 07:124, 07:126-07:138, 07:140-07:147, 07:149-07:151, 07:153-07:155, 07:157-07:160
												*07:02:08, 07:26, 07:33N, 07:39-07:40, 07:92, 07:139, 07:152N, 07:156
13					18					23		*07:02:09
							20			23		*07:07, 07:09, 07:49, 07:76
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

Negative Control

13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												HLA-C allele ⁴
								21		23		*07:10, 07:28, 07:41, 07:43
					18					23		*07:31
			16									*07:64
									22			*07:96
										23		*07:101, 07:148
				17						23		*07:123
13	14									23		*07:125
					18			21				*08:01:01-08:01:03, 08:03:01-08:03:02, 08:06, 08:08, 08:14, 08:16, 08:20, 08:22, 08:24, 08:26N, 08:28, 08:36N, 08:38, 08:40-08:42, 08:44
								21				*08:02:01-08:02:05, 08:04, 08:13, 08:15, 08:17-08:19, 08:23, 08:27, 08:29-08:30, 08:32-08:35, 08:37, 08:39, 08:43
13								21				*08:05
						19		21				*08:07
					18							*08:09, 08:11
		15			18			21				*08:10
							20	21				*08:12
13					18			21				*08:21
13								21				*08:25
								21				*08:31
13												*12:02:01-12:02:06, 12:10:01-12:10:02, 12:17-12:18, 12:20, 12:22, 12:27, 12:30, 12:36, 12:40
												*12:03:01:01-12:03:01:02, 12:03:03, 12:03:05-12:03:07, 12:03:10-12:03:14, 12:06-12:07, 12:11-12:13, 12:19, 12:23, 12:25, 12:29, 12:32, 12:34-12:35, 12:37-12:39N, 12:42Q-12:43, 12:45-12:48, 12:50
13	14											*12:03:02, 12:03:08, 12:26
	14											*12:03:04
	14											*12:03:09
	14	15										*12:04:01, 12:33
13	14	15										*12:04:02
	14	15										*12:05
13				17								*12:08
		15					20					*12:09
13					18	19						*12:14:01
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

Negative Control

13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												HLA-C allele ⁴
13					18	19						*12:14:02
13	14			17								*12:15
13										23		*12:16
		15										*12:21
13							20					*12:24
13	14				18							*12:28
13	14							21				*12:31
13		15										*12:41
13								21				*12:44
												*12:49
			16				20					*14:02:01-14:03, 14:05, 14:07N, 14:11, 14:13-14:14, 14:18-14:24
			16				20					*14:04
			16									*14:06, 14:08-14:09
			16		18		20					*14:10
							20					*14:12
			16		18							*14:15
	14		16									*14:16
			16			19	20					*14:17
			16				20		22			*14:25
		15		17				21				*15:02:01-15:02:07, 15:08, 15:10:02, 15:13, 15:15, 15:17- 15:18, 15:26, 15:28, 15:31-15:35, 15:38-15:39, 15:41, 15:44-15:45
13		15		17				21				*15:03, 15:16
		15		17				21				*15:04-15:06:03, 15:09, 15:19- 15:20, 15:24, 15:27, 15:29-15:30, 15:40
				17				21				*15:07
		15		17				21				*15:10:01
		15		17				21				*15:11
		15		17	18			21				*15:12
		15		17				21				*15:21
		15		17								*15:22
				17				21				*15:23
13					18	19		21				*15:25
				17				21				*15:36
		15		17								*15:37
		15		17				21				*15:42
				17				21	22			*15:43
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

Negative Control

13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												HLA-C allele ⁴
13					18						23	*16:01:01-16:01:05, 16:06-16:08, 16:10-16:11, 16:13-16:15:01, 16:16Q-16:17, 16:21-16:24, 16:26- 16:28, 16:30N-16:32
13		15			18						23	*16:02:01-16:02:05, 16:09, 16:12, 16:19, 16:25
	14				18		20					*16:04:01
13					18						23	*16:15:02
13		15			18						23	*16:18
13				17	18						23	*16:20
	14				18		20					*16:29
		15				19		21				*17:01:01:01-17:01:03, 17:01:05- 17:04, 17:06, 17:08
13		15				19		21				*17:01:04
		15				19		21				*17:05
		15				19		21				*17:07
							20	21		23		*18:01-18:02, 18:04
							20	21	22	23		*18:03
										23		A*24:106, B*46:25
							20					B*14:03
13												B*67:02
												HLA-C allele ⁴
13	14	15	16	17	18	19	20	21	22	23	24	Well No.