

INTERPRETATION TABLE

HLA-C*03 SSP subtyping

Amplification patterns of the C*03:02 to C*03:139 alleles

	Well ¹⁴																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Length of spec.	280	210	280	275	275	90	110	255	240	250	145	260	80	210	135	150	100	165	105	165	210	195	90
PCR product(s)						215	185				415	305	140					195	260	255	240		260
Length of int. pos. control ¹	800	1070	800	1070	1070	800	1070	1070	1070	800	1070	1070	1070	1070	1070	1070	1070	1070	800	1070	1070	800	1070
5'-primer(s) ²	5'-gCT ^{3'} 105	5'-gTC ^{3'} 419	5'-gCT ^{3'} 105	5'-TCA ^{3'} 355	5'-CCC ^{3'} 355	5'-TgT ^{3'} 413	5'-CCg ^{3'} 201	5'-CTA ^{3'} 374	5'-gCT ^{3'} 105	5'-gCT ^{3'} 105	5'-TCA ^{3'} 28	5'-gga ^{3'} 126	5'-AgT ^{3'} 361	5'-TTA ^{3'} 420	5'-gCT ^{3'} 105	5'-CCg ^{3'} 201	5'-CCT ^{3'} 19	5'-gCA ^{3'} 406	5'-gCT ^{3'} 105	5'-CAA ^{3'} 86	5'-ACA ^{3'} 391	5'-CCA ^{3'} 134	5'-gTC ^{3'} 368
3'-primer(s) ³	5'-C ^{3'} 343	5'-CTT ^{3'} 589	5'-T ^{3'} 343	5'-CTT ^{3'} 589	5'-CTT ^{3'} 589	5'-CTT ^{3'} 589	5'-TAG ^{3'} 270	5'-CTT ^{3'} 589	5'-ggT ^{3'} 302	5'-AgT ^{3'} 312	5'-TAG ^{3'} 270	5'-T ^{3'} 343	5'-AgA ^{3'} 459	5'-CTT ^{3'} 589	5'-CTC ^{3'} 201	5'-AgT ^{3'} 312	5'-ggC ^{3'} 70	5'-CTT ^{3'} 589	5'-ACC ^{3'} 167	5'-ggC ^{3'} 302	5'-CTT ^{3'} 589	5'-AgC ^{3'} 289	5'-CTT ^{3'} 589
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

Length of spec.	280	210	280	275	275	90	110	255	240	250	145	260	80	210	135	150	100	165	105	165	210	195	90	
PCR product(s)						215	185				415	305	140					225	195	260	255	240		260
HLA-C* allele ^{4,5}																								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
*03:02:01-03:02:08, 03:108, 03:110	1	2											13		15									
*03:03:01-03:03:11, 03:03:13-03:03:14, 03:03:16-03:03:18, 03:112, 03:124, 03:126, 03:133			3	4			7								15									
*03:03:12, 03:03:15			3	4			7					12			15									
*03:04:01-01-03:04:18, 03:04:20-03:04:24, 03:104- 03:107, 03:111, 03:114- 03:115, 03:125, 03:128- 03:129, 03:131, 03:134, 03:138	1			4											15									
*03:04:19	1			4								12			15									
*03:04:25, 03:118	1			4																				
*03:05	1				5										15									
*03:06	1			4		6									15									
*03:07	1			4					9	10					15	16								
*03:08	1			4			7				11				15									
*03:09	1			4				8							15									
*03:10	1			4						10					15	16								
*03:11:01			3	4			7					12			15									
*03:11:02			3	4			7								15									
*03:12			3	4			7							14	15									
*03:13			3		5		7								15									
*03:14	1	2		4											15									
*03:15	1	2							9	10			13		15	16							22	
*03:16	1												13		15									
*03:17	1				5								13		15									
*03:18				4			7					12												
*03:19	1			4										14	15									
*03:20N			3	4			7								15		17							
*03:21			3	4		6	7								15									
*03:22Q			3	4			7	8							15									23
*03:23	1			4											15		18							
*03:24	1			4											15			19						
*03:25	1				5										15				20					
*03:26	1			4											15							21		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	

Length of spec.	280	210	280	275	275	90	110	255	240	250	145	260	80	210	135	150	100	165	105	165	210	195	90	
PCR product(s)						215	185				415	305	140					225	195	260	255	240		260
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
*03:27	1				5										15								22	
*03:28, 03:90 ⁶	1			4											15									23
*03:29	1			4			7			10	11				15	16								
*03:30			3	4			7								15									
*03:31			3	4			7				11				15									
*03:32	1			4											15									
*03:33	1	2											13		15			19						
*03:34	1			4											15									
*03:35	1				5										15									
*03:36	1	2											13		15									
*03:37	1			4											15									
*03:38:01-03:38:02	1			4											15								22	
*03:39				4			7					12												
*03:40:01	1	2		4									13		15									
*03:40:02	1	2		4											15									
*03:41	1														15									
*03:42	1	2		4				8					13		15									
*03:43:01		2	3	4			7						13		15									
*03:43:02		2	3	4			7								15									
*03:44, 03:123 ⁷	1			4											15									
*03:45	1			4					9	10					15	16								
*03:46	1			4											15									
*03:47	1			4											15					20				
*03:48	1			4											15									
*03:49, 03:103 ⁸			3	4			7								15									23
*03:50, 03:122 ⁹			3	4			7								15									
*03:51	1			4											15									
*03:52			3	4			7								15									
*03:53			3	4			7								15									
*03:54	1			4											15									
*03:55			3	4			7								15									
*03:56, 03:85 ¹⁰			3	4			7								15									
*03:57	1			4											15							21		
*03:58			3				7								15									
*03:59			3	4			7								15									
*03:60	1	2											13		15									
*03:61			3	4			7								15									
*03:62			3	4			7								15									
*03:63	1			4											15									
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	

Length of spec.	280	210	280	275	275	90	110	255	240	250	145	260	80	210	135	150	100	165	105	165	210	195	90	
PCR product(s)						215	185				415	305	140					225	195	260	255	240		260
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
*03:64, 03:82 ¹¹	1			4											15									
*03:65	1			4											15									
*03:66			3	4			7								15									
*03:67			w	4			7								w									
*03:68			3	4			7								15									
*03:69			3	4			7								15							22		
*03:70, 03:78 ¹²	1			4											15									
*03:71	1	2			5			8					13		15									
*03:72	1			4											15									
*03:73	1			4											15									
*03:74	1			4											15									
*03:75			3	4			7								15									
*03:76			3	4			7								15									
*03:77	1			4											15									
*03:79			3	4			7								15									
*03:80	1			4											15									
*03:81			3	4			7								15									
*03:83			3	4			7								15		18							
*03:84	1	2											13		15									
*03:86			3				7								15									
*03:87	1			4							11				15									
*03:88			3	4			7								15						21			
*03:89, 03:139	1	2						8					13		15									
*03:91	1			4											15									
*03:92	1			4											15									
*03:93	1			4											15									
*03:94	1														15									
*03:95	1	2											13		15									
*03:96			3	4			7								15									
*03:97			3				7								15									
*03:98	1			4											15									
*03:99																								
*03:100	1			4											15									
*03:101	1			4											15		17							
*03:102			3	4			7							14	15		18							
*03:109	1			4											15									
*03:113	1											12			15									
*03:116			3	4			7	8							15									
*03:117	1			4											15								23	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Length of spec.	280	210	280	275	275	90	110	255	240	250	145	260	80	210	135	150	100	165	105	165	210	195	90	
PCR product(s)						215	185				415	305	140					225	195	260	255	240		260
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
*05:01:12, 06:02:01:01-06:02:01:02, 06:02:03-06:02:07, 06:02:09-06:02:19, 06:04, 06:06-06:10, 06:12-06:13, 06:15-06:43, 06:45-06:52, 06:54-06:69, 07:76, 12:04:01, 17:01:01:01-17:01:03, 17:01:05-17:11																16								
*05:36, 12:08											11													
*05:55, 07:184, <i>B*35:08:04, B*37:04:02</i>												12												
*06:02:08, 14:12													13			16								
*06:03	1								9	10					w	16								
*06:14																16								
*06:44							7				11					16								
*06:53							7					12				16								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	

Length of spec.	280	210	280	275	275	90	110	255	240	250	145	260	80	210	135	150	100	165	105	165	210	195	90	
PCR product(s)						215	185				415	305	140					225	195	260	255	240		260
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
*07:01:01-07:01:24, 07:06, 07:16, 07:18-07:19, 07:22, 07:24, 07:26, 07:28, 07:30, 07:35-07:36, 07:40, 07:44, 07:52-07:53, 07:55N, 07:57-07:59, 07:65, 07:70-07:71, 07:73, 07:77-07:78, 07:81-07:83, 07:86, 07:89, 07:91-07:95, 07:98N, 07:103-07:104N, 07:106, 07:108, 07:110-07:113, 07:115-07:116, 07:118-07:120, 07:122, 07:124, 07:128-07:129, 07:131-07:132, 07:134, 07:140-07:141, 07:148, 07:150Q-07:151, 07:153, 07:162, 07:164N-07:166, 07:170, 07:173, 07:176, 07:179-07:180, 07:182, 07:188-07:191N, 07:197, 07:200-07:201, 07:203-07:207, 07:210, 07:212, 07:214-07:215, 07:219, B*07:93, B*38:27, B*51:76							7																	
*07:02:10	w																							
*07:07, 07:09							7									16								
*07:10, 07:43												12												
*07:20							7																22	
*07:56:01, 07:109							7					12												
*07:60, 07:79							7					12												
*07:96	1						7								15								22	
*07:127	w																						22	
*07:133		2			5			8																
*07:196							7					12												
*12:17																								
*12:44, B*35:178																								
*12:58												12												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	

Length of spec.	280	210	280	275	275	90	110	255	240	250	145	260	80	210	135	150	100	165	105	165	210	195	90	
PCR product(s)						215	185				415	305	140					225	195	260	255	240		260
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
*14:10													13											
*14:20, 14:25, B*15:78:03													13											
*14:32													13											
*15:03, 15:16	1								9	10													22	
*15:12			3						9	10		12												
*15:25	1																						22	
*15:37	1								9	10														
*16:18																								
*18:03																16								
*18:05							7									16								
B*08:39							7																	
B*15:96		2			5	6												18						
B*35:101:02							7																	
B*55:30																								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	

Length of spec.
PCR product(s)
HLA-C* allele ^{4,5}
Well No.
*03:02:01-03:02:08, 03:108, 03:110
*03:03:01-03:03:11, 03:03:13-03:03:14, 03:03:16-03:03:18, 03:112, 03:124, 03:126, 03:133
*03:03:12, 03:03:15
*03:04:01:01-03:04:18, 03:04:20-03:04:24, 03:104 03:107, 03:111, 03:114- 03:115, 03:125, 03:128- 03:129, 03:131, 03:134, 03:138
*03:04:19
*03:04:25, 03:118
*03:05
*03:06
*03:07
*03:08
*03:09
*03:10
*03:11:01
*03:11:02
*03:12
*03:13
*03:14
*03:15
*03:16
*03:17
*03:18
*03:19
*03:20N
*03:21
*03:22Q
*03:23
*03:24
*03:25
*03:26
Well No.

Length of spec.
PCR product(s)
Well No.
*03:27
*03:28, 03:90⁶
*03:29
*03:30
*03:31
*03:32
*03:33
*03:34
*03:35
*03:36
*03:37
*03:38:01-03:38:02
*03:39
*03:40:01
*03:40:02
*03:41
*03:42
*03:43:01
*03:43:02
*03:44, 03:123⁷
*03:45
*03:46
*03:47
*03:48
*03:49, 03:103⁸
*03:50, 03:122⁹
*03:51
*03:52
*03:53
*03:54
*03:55
*03:56, 03:85¹⁰
*03:57
*03:58
*03:59
*03:60
*03:61
*03:62
*03:63
Well No.

Length of spec.
PCR product(s)
Well No.
*03:64, 03:82¹¹
*03:65
*03:66
*03:67
*03:68
*03:69
*03:70, 03:78¹²
*03:71
*03:72
*03:73
*03:74
*03:75
*03:76
*03:77
*03:79
*03:80
*03:81
*03:83
*03:84
*03:86
*03:87
*03:88
*03:89, 03:139
*03:91
*03:92
*03:93
*03:94
*03:95
*03:96
*03:97
*03:98
*03:99
*03:100
*03:101
*03:102
*03:109
*03:113
*03:116
*03:117
Well No.

Length of spec.
PCR product(s)
Well No.
*03:119
*03:120
*03:121N
*03:127
*03:130
*03:132
*03:135, 15:43 ¹³
*03:136
*03:137
*01:02:01-01:02:14, 01:06-01:08, 01:10-01:11, 01:13, 01:15-01:20, 01:23, 01:25-01:33, 01:38-01:48, 01:52-01:54, 01:56N-01:61
*01:03, 01:24
*01:14
*01:51
*02:02:01
*02:02:02-02:02:03, 02:02:05-02:02:11, 02:02:14-02:03, 02:05-02:07, 02:09-02:11, 02:13, 02:15-02:25Q, 02:26:02-02:26:03, 02:28-02:32, 02:34-02:40, 02:43-02:48, 02:50-02:54, 05:58:01, 15:02:01-15:02:07, 15:04-15:06:03, 15:08-15:09, 15:11, 15:13, 15:15, 15:17-15:20, 15:22, 15:24, 15:26-15:35, 15:38-15:42, 15:44-15:56
*02:02:12, 15:21
*02:02:13
*02:04, 02:14
*02:08, 15:10:02
*02:12
*02:27:01-02:27:02, 15:07, 16:34

Well No.
Length of spec.
PCR product(s)
Well No.
*02:33
*02:42
*02:49
*02:55
*04:01:01:01-04:01:04, 04:01:08, 04:01:10- 04:01:17, 04:01:19- 04:01:21, 04:01:24- 04:01:25, 04:01:27- 04:01:36, 04:04:01, 04:05, 04:07, 04:09N-04:15:03, 04:17-04:20, 04:23-04:31, 04:33, 04:35-04:36, 04:38- 04:42, 04:44-04:49, 04:51- 04:53, 04:55-04:58, 04:60- 04:63, 04:65-04:76, 04:78- 04:79, 04:81-04:84, 04:86- 04:94:01, 04:95N-04:98, 04:101-04:106
*04:01:06, 04:08, 04:32, 04:59Q, 04:85, <i>B*15:01:17</i>
*04:01:18, 08:02:07, 08:33:02
*04:01:23, 18:01-18:02, 18:04
*04:03, 04:06, 04:16
*04:34
*04:37
*04:43
*04:54, 12:03:20, 14:02:01, 14:02:03-14:09, 14:11, 14:13-14:16, 14:18- 14:19, 14:21N-14:24, 14:26-14:31, 14:33-14:34, 16:01:06
*04:64
*04:80
*04:100
*04:107

Well No.
Length of spec.
PCR product(s)
Well No.
*05:01:12, 06:02:01:01-06:02:01:02, 06:02:03-06:02:07, 06:02:09-06:02:19, 06:04, 06:06-06:10, 06:12-06:13, 06:15-06:43, 06:45-06:52, 06:54-06:69, 07:76, 12:04:01, 17:01:01:01-17:01:03, 17:01:05-17:11
*05:36, 12:08
*05:55, 07:184, <i>B*35:08:04, B*37:04:02</i>
*06:02:08, 14:12
*06:03
*06:14
*06:44
*06:53
Well No.

Length of spec.
PCR product(s)
Well No.
*07:01:01-07:01:24, 07:06, 07:16, 07:18-07:19, 07:22, 07:24, 07:26, 07:28, 07:30, 07:35-07:36, 07:40, 07:44, 07:52-07:53, 07:55N, 07:57-07:59, 07:65, 07:70-07:71, 07:73, 07:77-07:78, 07:81-07:83, 07:86, 07:89, 07:91-07:95, 07:98N, 07:103-07:104N, 07:106, 07:108, 07:110-07:113, 07:115-07:116, 07:118-07:120, 07:122, 07:124, 07:128-07:129, 07:131-07:132, 07:134, 07:140-07:141, 07:148, 07:150Q-07:151, 07:153, 07:162, 07:164N-07:166, 07:170, 07:173, 07:176, 07:179-07:180, 07:182, 07:188-07:191N, 07:197, 07:200-07:201, 07:203-07:207, 07:210, 07:212, 07:214-07:215, 07:219, <i>B</i> *07:93, <i>B</i> *38:27, <i>B</i> *51:76
*07:02:10
*07:07, 07:09
*07:10, 07:43
*07:20
*07:56:01, 07:109
*07:60, 07:79
*07:96
*07:127
*07:133
*07:196
*12:17
*12:44, <i>B</i> *35:178
*12:58
Well No.

Length of spec.
PCR product(s)
Well No.
*14:10
*14:20, 14:25, <i>B*15:78:03</i>
*14:32
*15:03, 15:16
*15:12
*15:25
*15:37
*16:18
*18:03
*18:05
<i>B*08:39</i>
<i>B*15:96</i>
<i>B*35:101:02</i>
<i>B*55:30</i>
Well No.