INTERPRETATION TABLE

HLA-C*02 SSP subtyping

Amplification patterns for the HLA-C*02:02 to 02:66 alleles

	Well[9]															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	250	95	95	150	145	160	130	70	200	125	85	150	225	80	130	250
PCR product(s)			120		240	215		280			170	230		115	190	
Length of int. pos. control[1]	800	800	800	1070	1070	800	800	1070	1070	1070	800	1070	1070	800	1070	1070
5'-primer(s)[2]	2nd I	486	486	92	361	364	2nd I	105	703	113	486	97	118	486	113	2nd I
	5'-CCA 3'	5'-ACA 3'	5'-ACA 3'	5'-gTg 3'	5'-AgT 3'	5'-ggT 3'	5'-CCA 3'	5'-gCT 3'	5'-CTA 3'	5'-CCA 3'	5'-ACA 3'	5'-TCg 3'	5'-CCA 3'	5'-ACA 3'	5'-CCA 3'	5'-CCA 3'
					453	420				118		368			369	
					5'-AAT 3'	5'-TTA 3'				5'-CCA 3'		5'-gTT 3'			5'-TAC 3'	
												449				
												5'-CCA 3'				
3'-primer(s)[3]	538	538	538	201	559	538	418	134	861	201	527	201	302	527	201	538
	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'	5'-ggC 3'	5'-CCg 3'	5'-CTT 3'	5'-CAg 3'
			555					343			538	559	302	559	518	
			5'-CCg 3'					5'-g 3'			5'-CCg 3'	5'-CTC 3'	5'-ggC 3'	5'-CgT 3'	5'-CCA 3'	
			578								613					
			5'-TgT 3'								5'-gCA 3'					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HLA-C allele[4,5]																
*02:02:01-**02:02:03**, 02:02:06-02:02:12, 02:02:15-02:02:25, 02:48, 02:50, 02:54, 02:56-02:57, 02:59-02:66	1	2							9	10						
*02:02:05, 02:02:14, 02:51	1								9	10						
*02:02:13	1								9							
*02:03			3						9	10						16
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	250	95	95	150	145	160	130	70	200	125	85	150	225	80	130	250
PCR product(s)			120		240	215		280			170	230		115	190	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*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**						
*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**			**13**			
***02:13**	**1**	**2**							**9**	**10**				**14**		
***02:14**	**1**									**10**		**12**				
*02:15, 02:21[6]	**1**	**2**							**9**	**10**					**15**	
*02:16:01									**9**	**10**						**16**
***02:16:02**			**3**						**9**	**10**						**16**
***02:17**	**1**				**5**				**9**	**10**		**12**				
***02:18**			**3**						**9**	**10**	**11**					**16**
***02:19**	**1**	**2**							**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**-02:26:03	**1**	**2**							**9**							
***02:27:01**	**1**	**2**							**9**	**10**			**13**			
***02:27:02**	**1**								**9**	**10**			**13**			
*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**						
***02:37**, 02:52N[8]	**1**	**2**							**9**	**10**						
***02:38N**	**1**	**2**							**9**	**10**						
*02:39	**1**	**2**							**9**							
***02:40**	**1**	**2**							**9**	**10**						
*02:42	**1**	**2**							**9**	**10**						
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
Length of spec.	**250**	**95**	**95**	**150**	**145**	**160**	**130**	**70**	**200**	**125**	**85**	**150**	**225**	**80**	**130**	**250**
PCR product(s)			**120**		**240**	**215**		**280**			**170**	**230**		**115**	**190**	
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
*02:43	**1**	**2**							**9**	**10**				**14**		
*02:44	**1**	**2**							**9**	**10**						
*02:45	**1**	**2**							**9**							
***02:46**	**1**	**2**				**6**			**9**	**10**						
*02:47	**1**	**2**				**6**			**9**	**10**						
*02:49, 02:55	**1**	**2**							**9**	**10**						
***02:53**	**1**	**2**							**9**	**10**						
*02:58	**1**									**10**						

*01:04, 04:94:01-04:94:02, 06:02:09, 06:02:21, 06:11, 06:18, 06:33, 06:82, 08:27, 08:29, 12:02:01-12:03:16, 12:03:18-12:03:22, 12:03:24-12:03:25, 12:06-12:08, 12:10:01-12:13, 12:17, 12:22-12:23, 12:25-12:32, 12:34-12:40, 12:42Q-12:59, 12:61-12:71, 12:73-12:82, 12:84N, 12:86-12:91, 14:16, 16:04:01, 16:33, 16:42	**1**															
*01:09	**1**															
*01:10, 16:50, *B*07:02:07* , *B*27:05:15*					**5**											
*01:21	**1**															
*01:22, 04:04:01-04:04:02, 04:13, 04:58, 04:122, 08:01:01-08:01:08, 08:03:01-08:04:03, 08:06, 08:08-08:09, 08:11, 08:13, 08:16:01-08:16:02, 08:20-08:22, 08:24, 08:26N, 08:36N, 08:38-08:40, 08:42, 08:44, 08:46, 08:50, 08:54, 08:56-08:61, 08:65-08:66, 08:72, 12:14:01-12:14:02, 12:18:01-12:18:02, 12:20, 14:06, 14:15, 16:35, 16:40, 17:01:09																**16**
*01:35, 04:34, 08:41, 12:83, *B*58:02*																**16**
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
Length of spec.	**250**	**95**	**95**	**150**	**145**	**160**	**130**	**70**	**200**	**125**	**85**	**150**	**225**	**80**	**130**	**250**
PCR product(s)			**120**		**240**	**215**		**280**			**170**	**230**		**115**	**190**	
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
*03:07, 03:10, 03:15, 03:29, 03:45, 03:163, 04:16, 04:103, 05:01:01:01-05:01:25, 05:03-05:07N, 05:09:01-05:10, 05:12, 05:14-05:16, 05:18:01-05:19, 05:21-05:25, 05:28-05:29:02, 05:31-05:38, 05:40-05:42, 05:44:01-05:51Q, 05:53-05:67, 05:69, 05:71-05:77, 05:80-05:85, 06:06, 06:40, 06:79N, 07:07, 07:09, 07:76, 12:09, 16:02:01-16:02:07, 16:02:09, 16:12, 16:19, 16:25, 16:37, 16:46-16:47, 18:01-18:02, 18:04-18:06																
*03:21, 03:80, 03:142, *B*07:55, B*07:100, B*15:45, B*15:63, B*15:248*																
*03:64:01								**8**								

*03:81, 03:175, 04:108, 07:123, 07:173, 16:20																
*04:03, 04:80, 04:107										**10**						
*04:06										**10**						**16**
*04:08, 14:20																
*04:42, 05:43												**12**				
*05:08, 05:52, 06:02:01:01-06:02:01:02, 06:02:03-06:02:08, 06:02:10-06:02:20, 06:02:22-06:03:02, 06:07, 06:09-06:10, 06:12-06:17, 06:19-06:32, 06:34-06:39, 06:41-06:78, 06:80, 06:83-06:88, 06:90-06:93, 12:04:01-12:05, 12:21, 12:33, 12:41, 12:60, 12:72, 18:03	**1**															
*05:11, 05:17, 05:68, 05:70, 05:79, 06:04, 08:10, 15:04, 15:30, 15:40, 15:64, 16:48, 17:01:01:01-17:01:08, 17:02-17:06, 17:08-17:15																**16**
*05:26										**10**						
*05:27, 17:07																**16**
*05:39																
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
Length of spec.	**250**	**95**	**95**	**150**	**145**	**160**	**130**	**70**	**200**	**125**	**85**	**150**	**225**	**80**	**130**	**250**
PCR product(s)			**120**		**240**	**215**		**280**			**170**	**230**		**115**	**190**	
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
*06:05												**w**				
*06:08	**1**				**5**											
*06:81	**1**															
*06:89	**1**															
*07:02:09												**12**				
*08:14																**16**
*08:31, 16:29	**1**				**5**											
*08:37, 16:21, *B*27:84*												**12**				
*12:03:17	**1**	**2**												**14**		
*12:03:23	**1**							**8**								
*12:15	**1**					**6**										
*12:16	**1**											**12**				
*14:25					**5**							**12**				
*14:41				**4**												
*15:02:01-15:03, 15:05:01-15:06:03, 15:09-15:10:01, 15:12-15:13, 15:16-15:18, 15:21-15:22, 15:24, 15:26-15:29, 15:31-15:35, 15:37-15:39, 15:41-15:42, 15:44-15:62																**16**
*15:07, 15:36, 15:43																**16**
*15:08																
*15:10:02								**8**								**16**

*15:11										**10**						**16**
*15:15																**16**
*15:19																**16**
*15:23												**12**				**16**
*15:63												**12**				**16**
*16:09																
*16:10							**7**									
*16:34										**10**			**13**			
*B*07:113, B*08:64, B*40:192*																
*B*27:34, B*40:02:07, B*40:06:02*			**3**													
*B*35:01:30, B*57:03:02*			**w**													
*B*67:02*																
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**

*02:02:01-**02:02:03**, 02:02:06-02:02:12, 02:02:15-02:02:22, 02:48, 02:50, 02:54, 02:56	**1**	**2**							**9**	**10**						
*02:02:05, 02:02:14, 02:51	**1**								**9**	**10**						
*02:02:13	**1**								**9**							
*02:03			**3**						**9**	**10**						**16**
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
Length of spec.	**250**	**95**	**95**	**150**	**145**	**160**	**130**	**70**	**200**	**125**	**85**	**150**	**225**	**80**	**130**	**250**
PCR product(s)			**120**		**240**	**215**		**280**			**170**	**230**		**115**	**190**	
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
*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**						
*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**			**13**			
***02:13**	**1**	**2**							**9**	**10**				**14**		
***02:14**	**1**									**10**		**12**				
*02:15, 02:21[6]	**1**	**2**							**9**	**10**					**15**	
*02:16:01									**9**	**10**						**16**
***02:16:02**			**3**						**9**	**10**						**16**
***02:17**	**1**				**5**				**9**	**10**		**12**				
***02:18**			**3**						**9**	**10**	**11**					**16**
***02:19**	**1**	**2**							**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**-02:26:03	**1**	**2**							**9**							
***02:27:01**	**1**	**2**							**9**	**10**			**13**			
***02:27:02**	**1**								**9**	**10**			**13**			
*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**						
***02:37,** 02:52N[8]	**1**	**2**							**9**	**10**						
***02:38N**	**1**	**2**							**9**	**10**						
*02:39	**1**	**2**							**9**							
***02:40**	**1**	**2**							**9**	**10**						
*02:42	**1**	**2**							**9**	**10**						
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
Length of spec.	**250**	**95**	**95**	**150**	**145**	**160**	**130**	**70**	**200**	**125**	**85**	**150**	**225**	**80**	**130**	**250**
PCR product(s)			**120**		**240**	**215**		**280**			**170**	**230**		**115**	**190**	
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
*02:43	**1**	**2**							**9**	**10**				**14**		
*02:44	**1**	**2**							**9**	**10**						
*02:45	**1**	**2**							**9**							
***02:46**	**1**	**2**				**6**			**9**	**10**						
*02:47	**1**	**2**				**6**			**9**	**10**						
*02:49, 02:55	**1**	**2**							**9**	**10**						
***02:53**	**1**	**2**							**9**	**10**						
*01:04, 04:94:01-04:94:02, 06:02:09, 06:11, 06:18, 06:33, 08:27, 08:29, 12:02:01-12:03:16, 12:03:18-12:03:20, 12:06-12:08, 12:10:01-12:13, 12:17, 12:22-12:23, 12:25-12:32, 12:34-12:40, 12:42Q-12:59, 12:61-12:71, 12:73-12:76, 14:16, 16:04, 16:33, 16:42	**1**															
*01:09	**1**															
*01:10, B*07:02:07, *B*27:05:15*					**5**											
*01:21	**1**															
*01:22, 01:35, 04:04:01-04:04:02, 04:13, 04:34, 04:58, 08:01:01-08:01:05, 08:03:01-08:04:02, 08:06, 08:08-08:09, 08:11, 08:13, 08:16:01-08:16:02, 08:20-08:22, 08:24, 08:26N, 08:36N, 08:38-08:42, 08:44, 08:46, 08:50, 08:54, 08:56-08:60, 12:14:01-12:14:02, 12:18:01-12:18:02, 12:20, 14:06, 14:15, 16:35, 16:40, *B*58:02*																**16**
*03:07, 03:10, 03:15, 03:29, 03:45, 04:16, 04:103, 05:01:01:01-05:01:18, 05:03-05:07N, 05:09:01-05:10, 05:12, 05:14-05:16, 05:18:01-05:19, 05:21-05:25, 05:28-05:29, 05:31-05:42, 05:44-05:51Q, 05:53-05:67, 05:69, 05:71-05:74, 06:06, 06:40, 07:07, 07:09, 07:76, 12:09, 16:02:01-16:02:07, 16:02:09, 16:12, 16:19, 16:25, 16:37, 18:01-18:02, 18:04-18:05																
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**

Length of spec.	250	95	95	150	145	160	130	70	200	125	85	150	225	80	130	250
PCR product(s)			120		240	215		280			170	230		115	190	
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
*03:21, 03:80, 03:142, *B*07:55, B*07:100, B*15:45, B*15:63*																
*03:64								**8**								
*03:81, 04:108, 07:123, 07:173, 16:20																
*04:03, 04:80, 04:107										**10**						
*04:06										**10**						**16**
*04:42, 05:43												**12**				
*05:08, 05:52, 06:02:01:01-06:02:01:02, 06:02:03-06:02:08, 06:02:10-06:03:02, 06:07, 06:09-06:10, 06:12-06:17, 06:19-06:32, 06:34-06:39, 06:41-06:76, 12:04:01-12:05, 12:21, 12:33, 12:41, 12:60, 12:72, 18:03	**1**															
*05:11, 05:17, 05:27, 05:68, 05:70, 06:04, 08:10, 15:04, 15:30, 15:40, 17:01:01:01-17:11																**16**
*05:26										**10**						
*06:05												**w**				
*06:08	**1**				**5**											
*07:02:09												**12**				
*08:14																**16**
*08:31, 16:29	**1**				**5**											
*08:37, 16:21, *B*27:84*												**12**				
*12:03:17	**1**	**2**												**14**		
*12:15	**1**					**6**										
*12:16	**1**											**12**				
*14:25					**5**							**12**				
*15:02:01-15:03, 15:05:01-15:06:03, 15:09-15:10:01, 15:12-15:13, 15:15-15:18, 15:20-15:22, 15:24, 15:26-15:29, 15:31-15:35, 15:37-15:39, 15:41-15:42, 15:44-15:60																**16**
*15:07, 15:36, 15:43																**16**
*15:08																
*15:10:02								**8**								**16**
*15:11										**10**						**16**
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
Length of spec.	250	95	95	150	145	160	130	70	200	125	85	150	225	80	130	250
PCR product(s)			120		240	215		280			170	230		115	190	
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
*15:19																**16**
*15:23												**12**				**16**
*16:09																

*16:10							**7**									
*16:34										**10**			**13**			
*B*07:113, B*08:64, B*40:192*																
*B*27:34, B*40:02:07, 40:06:02*			**3**													
*B*35:01:30, B*57:03:02*			**w**													
*B*67:02*																
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**

INTERPRETATION TABLE

HLA-C*02 SSP subtyping

Amplification patterns for the HLA-C*02:02 to 02:66 alleles

Well[9]																
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
110	235	80	180	115	110	205	325	160	140	140	90	210	80	100	150	Length of spec.
160				205		390					220		270			PCR product(s)
1070	800	1070	1070	1070	1070	1070	1070	800	1070	800	800	1070	1070	1070	1070	Length of int. pos. control[1]
486	118	486	369	125	244	322	409	419	105	105	105	118	2nd I	142	486	5'-primer(s)[2]
5' -ACA 3'	5' -CCg 3'	5' -ACA 3'	5' -TAC 3'	5' -CgA 3'	5' -CgC 3'	5' -gCC 3'	5' -ggC 3'	5' -gTA 3'	5' -gCT 3'	5' -gCT 3'	5' -gCT 3'	5' -CCA 3'	5' -CCA 3'	5' -TCT 3'	5' -ACA 3'	
	118			374		703			486	486	359					
	5' -CCg 3'			5' -CTA 3'		5' -CTA 3'			5' -ACA 3'	5' -ACA 3'	5' -CCg 3'					
											364					
											5' -ggT 3'					
555	312	527	506	201	312	419	3rd I	538	203	202	153	289	369	201	595	3'-primer(s)[3]
5' -CCg 3'	5' -AgT 3'	5' -CCA 3'	5' -Tgg 3'	5' -CTT 3'	5' -AgT 3'	5' -Cgg 3'	5' -CTC 3'	5' -CCA 3'	5' -CTg 3'	5' -TCC 3'	5' -ACT 3'	5' -AgC 3'	5' -CCT 3'	5' -CTT 3'	5' -CCT 3'	
559				538		865			580	578	538	289	558			
5' -CgT 3'				5' -CCA 3'		5' -CCT 3'			5' -TCC 3'	5' -TgA 3'	5' -CCA 3'	5' -AgC 3'	5' -Agg 3'			
603																
5' -TTg 3'																
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
																HLA-C allele[4]
																*02:02:01-**02:02:03**, 02:02:06-02:02:12, 02:02:15-02:02:25, 02:48, 02:50, 02:54, 02:56-02:57, 02:59-02:66
																*02:02:05, 02:02:14, 02:51
																*02:02:13
		19														*02:03
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
110	235	80	180	115	110	205	325	160	140	140	90	210	80	100	150	Length of spec.
160				205		390					220		270			PCR product(s)
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
																*02:04
																*02:05
							24									***02:06**

																***02:07**
																*02:08
																*02:09
																***02:10**
																*02:11
												29				*02:12
																***02:13**
																***02:14**
																*02:15, 02:21[6]
																*02:16:01
																***02:16:02**
																***02:17**
																***02:18**
								25								***02:19**
																*02:20
																*02:22
17							**24**	**25**								*02:23
			20													***02:24**
				21												***02:25Q, 02:30**[7]
	18															***02:26:01**-02:26:03
																***02:27:01**
																***02:27:02**
		19														*02:28
						23										*02:29
17																***02:31**
																***02:32**
																*02:33
					22											***02:34**
						23										*02:35
							24									*02:36
											28					***02:37**, 02:52N[8]
													30			***02:38N**
									26							*02:39
									26							***02:40**
														31		*02:42
17	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**Well No.**
110	**235**	**80**	**180**	**115**	**110**	**205**	**325**	**160**	**140**	**140**	**90**	**210**	**80**	**100**	**150**	**Length of spec.**
160				**205**		**390**					**220**		**270**			**PCR product(s)**
17	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**Well No.**
17																*02:43
										27						*02:44
										27						*02:45
											28					***02:46**
																*02:47
												29				*02:49, 02:55
															32	***02:53**
													30			*02:58

																*01:04, 04:94:01-04:94:02, 06:02:09, 06:02:21, 06:11, 06:18, 06:33, 06:82, 08:27, 08:29, 12:02:01-12:03:16, 12:03:18-12:03:22, 12:03:24-12:03:25, 12:06-12:08, 12:10:01-12:13, 12:17, 12:22-12:23, 12:25-12:32, 12:34-12:40, 12:42Q-12:59, 12:61-12:71, 12:73-12:82, 12:84N, 12:86-12:91, 14:16, 16:04:01, 16:33, 16:42
								25								*01:09
																*01:10, 16:50, *B*07:02:07* , *B*27:05:15*
														31		*01:21
																*01:22, 04:04:01-04:04:02, 04:13, 04:58, 04:122, 08:01:01-08:01:08, 08:03:01-08:04:03, 08:06, 08:08-08:09, 08:11, 08:13, 08:16:01-08:16:02, 08:20-08:22, 08:24, 08:26N, 08:36N, 08:38-08:40, 08:42, 08:44, 08:46, 08:50, 08:54, 08:56-08:61, 08:65-08:66, 08:72, 12:14:01-12:14:02, 12:18:01-12:18:02, 12:20, 14:06, 14:15, 16:35, 16:40, 17:01:09
													30			*01:35, 04:34, 08:41, 12:83, *B*58:02*
17	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**Well No.**
110	**235**	**80**	**180**	**115**	**110**	**205**	**325**	**160**	**140**	**140**	**90**	**210**	**80**	**100**	**150**	**Length of spec.**
160				**205**		**390**					**220**		**270**			**PCR product(s)**
17	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**Well No.**
	18															*03:07, 03:10, 03:15, 03:29, 03:45, 03:163, 04:16, 04:103, 05:01:01:01-05:01:25, 05:03-05:07N, 05:09:01-05:10, 05:12, 05:14-05:16, 05:18:01-05:19, 05:21-05:25, 05:28-05:29:02, 05:31-05:38, 05:40-05:42, 05:44:01-05:51Q, 05:53-05:67, 05:69, 05:71-05:77, 05:80-05:85, 06:06, 06:40, 06:79N, 07:07, 07:09, 07:76, 12:09, 16:02:01-16:02:07, 16:02:09, 16:12, 16:19, 16:25, 16:37, 16:46-16:47, 18:01-18:02, 18:04-18:06
								25								*03:21, 03:80, 03:142, *B*07:55, B*07:100, B*15:45, B*15:63, B*15:248*
																*03:64:01

							24									*03:81, 03:175, 04:108, 07:123, 07:173, 16:20
												29				*04:03, 04:80, 04:107
												29				*04:06
													30			*04:08, 14:20
	18															*04:42, 05:43
	18															*05:08, 05:52, 06:02:01:01-06:02:01:02, 06:02:03-06:02:08, 06:02:10-06:02:20, 06:02:22-06:03:02, 06:07, 06:09-06:10, 06:12-06:17, 06:19-06:32, 06:34-06:39, 06:41-06:78, 06:80, 06:83-06:88, 06:90-06:93, 12:04:01-12:05, 12:21, 12:33, 12:41, 12:60, 12:72, 18:03
	18															*05:11, 05:17, 05:68, 05:70, 05:79, 06:04, 08:10, 15:04, 15:30, 15:40, 15:64, 16:48, 17:01:01:01-17:01:08, 17:02-17:06, 17:08-17:15
																*05:26
	18												**30**			*05:27, 17:07
	18												**30**			*05:39
17	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**Well No.**
110	**235**	**80**	**180**	**115**	**110**	**205**	**325**	**160**	**140**	**140**	**90**	**210**	**80**	**100**	**150**	**Length of spec.**
160				**205**		**390**					**220**		**270**			**PCR product(s)**
17	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**Well No.**
	18													**31**		*06:05
	18															*06:08
	18										**28**					*06:81
	18						**24**									*06:89
														31		*07:02:09
														31		*08:14
																*08:31, 16:29
																*08:37, 16:21, *B*27:84*
17																*12:03:17
																*12:03:23
							24									*12:15
														31		*12:16
																*14:25
																*14:41
	18						**24**									*15:02:01-15:03, 15:05:01-15:06:03, 15:09-15:10:01, 15:12-15:13, 15:16-15:18, 15:21-15:22, 15:24, 15:26-15:29, 15:31-15:35, 15:37-15:39, 15:41-15:42, 15:44-15:62
							24									*15:07, 15:36, 15:43
	18						**24**									*15:08
	18						**24**									*15:10:02

							24									*15:11
	18						**24**						**30**			*15:15
	18			**21**			**24**									*15:19
	18						**24**									*15:23
	18						**24**							**31**		*15:63
	18				**22**											*16:09
																*16:10
																*16:34
			20													*B*07:113, B*08:64, B*40:192*
		19														*B*27:34, B*40:02:07, B*40:06:02*
		w														*B*35:01:30, B*57:03:02*
														31		*B*67:02*
17	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**Well No.**

																*02:02:01-**02:02:03**, 02:02:06-02:02:12, 02:02:15-02:02:22, 02:48, 02:50, 02:54, 02:56
																*02:02:05, 02:02:14, 02:51
																*02:02:13
		19														*02:03
17	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**Well No.**
110	**235**	**80**	**180**	**115**	**110**	**205**	**325**	**160**	**140**	**140**	**90**	**210**	**80**	**100**	**150**	**Length of spec.**
160				**205**		**390**					**220**					**PCR product(s)**
17	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**Well No.**
																*02:04
																*02:05
							24									***02:06**
																*02:07
																*02:08
																*02:09
																***02:10**
																*02:11
												29				*02:12
																***02:13**
																***02:14**
																*02:15, 02:21[6]
																*02:16:01
																***02:16:02**
																***02:17**
																***02:18**
								25								***02:19**
																*02:20
																*02:22
17							**24**	**25**								*02:23
			20													***02:24**
				21												***02:25Q, 02:30[7]**
	18															***02:26:01-**02:26:03
																***02:27:01**
																***02:27:02**
		19														*02:28
						23										*02:29
17																***02:31**
																***02:32**
																*02:33
					22											***02:34**
						23										*02:35

							24									*02:36
											28					***02:37,** 02:52N[8]
													30			***02:38N**
									26							*02:39
									26							***02:40**
														31		*02:42
17	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**Well No.**
110	**235**	**80**	**180**	**115**	**110**	**205**	**325**	**160**	**140**	**140**	**90**	**210**	**80**	**100**	**150**	**Length of spec.**
160				**205**		**390**					**220**					**PCR product(s)**
17	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**Well No.**
17																*02:43
										27						*02:44
										27						*02:45
											28					***02:46**
																*02:47
												29				*02:49, 02:55
															32	***02:53**
																*01:04, 04:94:01-04:94:02, 06:02:09, 06:11, 06:18, 06:33, 08:27, 08:29, 12:02:01-12:03:16, 12:03:18-12:03:20, 12:06-12:08, 12:10:01-12:13, 12:17, 12:22-12:23, 12:25-12:32, 12:34-12:40, 12:42Q-12:59, 12:61-12:71, 12:73-12:76, 14:16, 16:04, 16:33, 16:42
								25								*01:09
																*01:10, B*07:02:07, *B*27:05:15*
														31		*01:21
																*01:22, 01:35, 04:04:01-04:04:02, 04:13, 04:34, 04:58, 08:01:01-08:01:05, 08:03:01-08:04:02, 08:06, 08:08-08:09, 08:11, 08:13, 08:16:01-08:16:02, 08:20-08:22, 08:24, 08:26N, 08:36N, 08:38-08:42, 08:44, 08:46, 08:50, 08:54, 08:56-08:60, 12:14:01-12:14:02, 12:18:01-12:18:02, 12:20, 14:06, 14:15, 16:35, 16:40, *B*58:02*
	18															*03:07, 03:10, 03:15, 03:29, 03:45, 04:16, 04:103, 05:01:01:01-05:01:18, 05:03-05:07N, 05:09:01-05:10, 05:12, 05:14-05:16, 05:18:01-05:19, 05:21-05:25, 05:28-05:29, 05:31-05:42, 05:44-05:51Q, 05:53-05:67, 05:69, 05:71-05:74, 06:06, 06:40, 07:07, 07:09, 07:76, 12:09, 16:02:01-16:02:07, 16:02:09, 16:12, 16:19, 16:25, 16:37, 18:01-18:02, 18:04-18:05
17	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**Well No.**

110	235	80	180	115	110	205	325	160	140	140	90	210	80	100	150	**Length of spec.**
160				205		390					220					**PCR product(s)**
17	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**Well No.**
								25								*03:21, 03:80, 03:142, *B*07:55, B*07:100, B*15:45, B*15:63*
																*03:64
							24									*03:81, 04:108, 07:123, 07:173, 16:20
												29				*04:03, 04:80, 04:107
												29				*04:06
	18															*04:42, 05:43
	18															*05:08, 05:52, 06:02:01:01-06:02:01:02, 06:02:03-06:02:08, 06:02:10-06:03:02, 06:07, 06:09-06:10, 06:12-06:17, 06:19-06:32, 06:34-06:39, 06:41-06:76, 12:04:01-12:05, 12:21, 12:33, 12:41, 12:60, 12:72, 18:03
	18															*05:11, 05:17, 05:27, 05:68, 05:70, 06:04, 08:10, 15:04, 15:30, 15:40, 17:01:01:01-17:11
																*05:26
	18													**31**		*06:05
	18															*06:08
														31		*07:02:09
														31		*08:14
																*08:31, 16:29
																*08:37, 16:21, *B*27:84*
17																*12:03:17
							24									*12:15
														31		*12:16
																*14:25
	18						**24**									*15:02:01-15:03, 15:05:01-15:06:03, 15:09-15:10:01, 15:12-15:13, 15:15-15:18, 15:20-15:22, 15:24, 15:26-15:29, 15:31-15:35, 15:37-15:39, 15:41-15:42, 15:44-15:60
							24									*15:07, 15:36, 15:43
	18						**24**									*15:08
	18						**24**									*15:10:02
							24									*15:11
17	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**Well No.**
110	235	80	180	115	110	205	325	160	140	140	90	210	80	100	150	**Length of spec.**
160				205		390					220					**PCR product(s)**
17	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**Well No.**
	18			**21**			**24**									*15:19
	18						**24**									*15:23
	18				**22**											*16:09

																*16:10
																*16:34
			20													*B*07:113, B*08:64, B*40:192*
		19														*B*27:34, B*40:02:07, 40:06:02*
		w														*B*35:01:30, B*57:03:02*
														31		*B*67:02*
17	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**		**Well No.**