INTERPRETATION TABLE

HLA-A*68 SSP subtyping

Amplification patterns of the A*68:01 to A*68:99 and the A*69:01 alleles

	Well[8]																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Length of spec.	195	435	195	180	140	230	145	160	150	165	160	205	210	150	145	215	175	200	325	90	165	165	185	375
PCR product(s)				225	235			240	195		200	405	240		205			225			215			
									250															
Length of int.	800	1070	1070	1070	800	1070	1070	800	800	800	800	1070	800	800	1070	1070	1070	800	1070	1070	1070	800	1070	1070
pos. control[1]																								
5'-primer(s)[2]	127	261	106	102	98	102	145	98	106	413	98	47	2nd I	144	453	106	395	413	317	362	102	413	413	261
	5'-ggg 3'	5'-AAC 3'	5'-CCA 3'	5'-ACT 3'	5'-CTA 3'	5'-ACT 3'	5'-CCA 3'	5'-CTA 3'	5'-CCA 3'	5'-CCg 3'	5'-CTA 3'	5'-g.T 3'	5'-CCT 3'	5'-gCC 3'	5'-AAA 3'	5'-CCA 3'	5'-gCA 3'	5'-CCg 3'	5'-gCA 3'	5'-gAg 3'	5'-ACT 3'	5'-CCg 3'	5'-CCg 3'	5'-AAC 3'
					397	106	414	418	2nd I		419	376					413			362	413			
					5'-gCC 3'	5'-CCA 3'	5'-gAA 3'	5'-AgC 3'	5'-CCT 3'		5'-ggT 3'	5'-gCA 3'					5'-CCA 3'			5'-gAg 3'	5'-CCA 3'			
3'-primer(s)[3]	282	413	259	240	290	292	259	299	216	538	256	282	497	255	555	278	539	570	362	413	275	539	559	355
	5'-gAC 3'	5'-gCC 3'	5'-gTT 3'	5'-ggA 3'	5'-CAA 3'	5'-gTg 3'	5'-gTT 3'	5'-TCA 3'	5'-gCT 3'	5'-CTg 3'	5'-CTC 3'	5'-gAC 3'	5'-TgA 3'	5'-Cgg 3'	5'-CCA 3'	5'-ggC 3'	5'-TCC 3'	5'-CCg 3'	5'-TCA 3'	5'-gCC 3'	5'-CCC 3'	5'-TCC 3'	5'-CgT 3'	5'-gAC 3'
	282			282	497		506	539	479		538	538	497		616	282		595			538			
	5'-gAC 3'			5'-gAg 3'	5'-Tgg 3'		5'-TgT 3'	5'-TCC 3'	5'-CCA 3'		5'-CCA 3'	5'-CCA 3'	5'-TgA 3'		5'-CgC 3'	5'-gAg 3'		5'-CCg 3'			5'-CCg 3'			
				292					538				524			282								
				5'-gTg 3'					5'-CAg 3'				5'-CAC 3'			5'-gAg 3'								
									538															
									5'-CAA 3'															
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	24
Length of spec.	195	435	195	180	140	230	145	160	150	165	160	205	210	150	145	215	175	200	325	90	165	165	185	375
PCR product(s)				225	235			240	195		200	405	240		205			225			215			
									250															
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	24
HLA-A allele[4]																								

***68:01:01:01**-68:01:01:02, 68:01:03-68:01:05, 68:01:07-68:01:12, 68:01:18, 68:21:02, 68:56, 68:58, 68:72, 68:79, 68:87	**1**	**2**																				**22**	**23**	
***68:01:02, 68:01:06**, 68:01:13, 68:01:15-68:01:17, 68:69-68:71, 68:73, 68:76, 68:83, 68:85, 68:89, 68:91, 68:93, 68:95, 68:98-68:99	**1**	**2**																				**22**	**23**	
*68:01:14, 34:02:01-34:02:02[5]	**1**	**2**																					**23**	
***68:02:01:01**-68:02:05, 68:62, 68:64, 68:74, 68:77-68:78, 68:82, 68:86, 68:97	**1**		**3**														**17**							
***68:03:01**-68:03:02		**2**		**4**																		**22**	**23**	
***68:03:03**		**2**																				**22**	**23**	
*68:04		**2**			**5**																	**22**	**23**	
***68:05**		**2**		**4**		**6**																**22**	**23**	
***68:06**	**1**						**7**																	
***68:07**	**1**							**8**														**22**	**23**	
*68:08:01	**1**	**2**							**9**														**23**	
***68:08:02**	**1**	**2**							**9**														**23**	
*68:09	**1**	**2**								**10**													**23**	
***68:10**	**1**										**11**											**22**	**23**	
***68:11N**	**1**	**2**										**12**										**22**	**23**	
***68:12**	**1**	**2**											**13**									**22**	**23**	
***68:13:01**-68:13:02	**1**													**14**								**22**	**23**	
*68:14	**1**										**11**				**15**							**22**	**23**	
***68:15**			**3**			**6**										**16**	**17**							
***68:16**	**1**	**2**																				**22**	**23**	
***68:17**	**1**	**2**									**11**											**22**	**23**	
*68:18N	**1**		**3**						**9**								**17**							
***68:19**	**1**	**2**													**15**							**22**	**23**	
*68:20		**2**		**4**		**6**											**17**					**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**	**24**
Length of spec.	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	**90**	##	##	##	##
PCR product(s)				##	##			##	##		##	##	##		##			##			##			
									##															
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**	**24**
*68:21:01	**1**	**2**																**18**				**22**	**23**	
*68:22	**1**	**2**																	**19**			**22**	**23**	
*68:23	**1**	**2**																		**20**		**22**	**23**	
***68:24**	**1**	**2**																			**21**	**22**	**23**	
***68:25**	**1**	**2**			**5**																	**22**	**23**	
*68:26	**1**	**2**								**10**								**18**					**w**	
***68:27**, 66:16, 66:18[6]	**1**																**17**							
*68:28	**1**		**3**														**17**				**21**			
*68:29	**1**	**2**																				**22**	**23**	

*68:30	1			4																		22	23	
***68:31**			3													16	17							
*68:32	1	2					7															22	23	
***68:33**	1	2																				22	23	
*68:34	1		3														17							
***68:35**	1	2																				22	23	
***68:36**		2																				22	23	
***68:37**	1	2																				22	23	
*68:38	1	2										12										22	23	
*68:39	1	2	3																			22	23	
***68:40**	1		3													16	17							
*68:41	1	2																				22	23	
*68:42	1	2																				22	23	
*68:43	1	2																				22	23	
***68:44**	1		3														17							
*68:45	1	2																				22	23	
***68:46**	w	2						8														22	23	
*68:47	1	2							9													22	23	
*68:48	1		3														17							
*68:49N	1		3														17							
*68:50	1	2											13									22	23	
*68:51	1		3										13				17							
*68:52	1	2																				22	23	
***68:53**	1		3														17							
***68:54**, 68:61	1		3														17							
***68:55**	1	2																				22	23	
*68:57, 68:84, 68:90		2																				22	23	
***68:59N**	1	2																				22	23	
***68:60**	1		3														17							
*68:63	1	2							9														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**	**24**
Length of spec.	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	90	##	##	##	##
PCR product(s)				##	##			##	##		##	##	##		##			##			##			
									##															
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**	**24**
***68:65**	1	2																18				22		
*68:66, 68:75, 03:50, 03:66[7]	1																					22	23	
***68:67**	1		3														17							
***68:68**	1	2																				22	23	
***68:80**	1		3														17							
*68:81	1		3												15		17							
*68:88	1																					22	23	
*68:92			3														17							
*68:94N	1	2																				22	23	
*68:96	1	2																				22	23	

*01:01:01:01-01:01:51, 01:02-01:04N, 01:07-01:11N, 01:14-01:18N, 01:21-01:24, 01:26-01:29, 01:31N-01:33, 01:35-01:50, 01:52N, 01:54-01:64, 01:67-01:69:01, 01:70-01:71, 01:74-01:78, 01:80-01:83:01, 01:84-01:97, 01:99, 01:101, 01:103-01:122																		18				w		
*01:01:52-01:01:53, 01:06, 01:25, 01:53N, 01:65, 01:69:02, 01:83:02, 01:100, 01:123N-01:125, 23:53, 29:03, 80:01:01:01-80:02																		18						
*01:12, 01:19, 11:38, 24:17, 24:41, 24:208, 29:33										10								18						
*01:13, 03:18	1																	18				w		
*01:20, 01:66, 01:73																		18		20		w		
*01:51		2																18				w		
*01:72, 01:102, 36:04																						w		
*01:98																		18				22		
*01:126																		18						
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**	**24**
Length of spec.	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	06	##	##	##	##
PCR product(s)				##	##			##	##		##	##	##		##			##			##			
									##															
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**	**24**
*02:02, 02:05:01-02:05:05, 02:08, 02:47, 02:63, 02:102, 02:115, 02:154-02:155, 02:172, 02:179, 02:186, 02:209, 02:232, 02:286, 02:320, 02:324, 02:337, 02:344, 02:359, 02:373N																	w							
*02:03:01-02:03:04, 02:148, 02:253, 02:258, 02:264, 02:281, 02:315, 02:323, 02:345, 02:355, 02:370, 02:402																	17							
*02:05:06, 02:22:01-02:22:02, 02:50, 02:104, 02:136, 02:191, 02:230, 02:267, 02:376, 02:382, 23:02, 24:06, 24:138, 24:167, 31:30, 32:10, *B*27:25, C*02:07*																	17							

*02:06:05				**4**		**6**																		
*02:26, 02:99, 02:171:02																								
*02:34-02:35:03, 02:56:01-02:56:02, 02:62, 02:78, 02:103, 03:01:30, 03:19, 03:40, 03:43, 03:53, 03:82, 03:98, 03:103, 03:105, 11:01:35, 11:09, 11:22-11:24:02, 11:31, 11:50Q, 11:59, 11:112, 11:116, 24:19, 30:18, 30:55, 74:13, *C*03:82*	**1**																							
*02:49, 24:87, *B*27:45*																	**17**				**21**			
*02:52							**7**																	
*02:55, 33:22																								**24**
*02:74:02, 02:159, 23:25																								
*02:114, 02:246, 02:279, 29:22																				**20**			**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**	**24**
Length of spec.	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	**90**	##	##	##	##
PCR product(s)				##	##			##	##		##	##	##		##			##			##			
									##															
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**	**24**
*02:117																	**17**							
*02:121, 02:237, 23:47, 24:18, 24:204, 24:213, *B*44:59:02*															**15**									
*02:122						**6**										**16**	**17**							
*02:135																	**17**							
*02:143						**6**										**16**								
*02:229, 29:28, 36:02																						**22**	**23**	
*02:243, 24:82																								
*02:339					**5**																			
*02:358											**11**													
*02:385																								
*02:396																								

*03:01:01:01-03:01:08, 03:01:10-03:01:22, 03:01:24-03:01:29, 03:01:31-03:01:37, 03:02:01-03:03N, 03:04:02-03:07, 03:09, 03:11N-03:16, 03:17:02, 03:20-03:23:02, 03:25-03:31, 03:33-03:35, 03:37-03:39, 03:42, 03:44-03:49, 03:51-03:52, 03:54-03:56, 03:58-03:65, 03:67-03:81, 03:83-03:88, 03:90-03:94, 03:96, 03:99-03:102, 03:104, 03:106, 03:109-03:110, 03:112-03:121, 03:123-03:134, 03:136-03:141, 03:143-03:151, 03:153-03:160, 03:162N, 11:35, 11:130	**1**																						**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**	**24**
Length of spec.	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	**06**	##	##	##	##
PCR product(s)				##	##			##	##		##	##	##		##			##			##			
									##															
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**	**24**
*03:01:09, 03:01:23, 03:08, 03:32, 03:36N, 03:41, 03:57, 03:89, 03:107-03:108, 03:111, 03:142, 03:152, 03:161N, 29:01:01:01-29:02:01:02, 29:02:03-29:02:13, 29:04, 29:06-29:21, 29:23-29:27, 29:29-29:31, 29:34-29:50, 30:26, 31:03-31:04, 31:06, 32:04, 32:30, 32:32																							**23**	
*03:01:38	**1**																						**23**	
*03:04:01	**1**																	**18**					**23**	
*03:10, 11:04	**1**									**10**													**23**	
*03:17:01	**1**														**15**								**23**	
*03:24	**1**	**2**																					**23**	
*03:95	**1**																			**20**			**23**	
*03:97, 03:122, 03:135, 11:94	**1**																	**18**						

*11:01:01-11:01:34, 11:01:36-11:01:45, 11:03, 11:05-11:07, 11:11-11:13, 11:15:01-11:15:02, 11:20-11:21N, 11:26, 11:29-11:30, 11:32-11:34, 11:36-11:37, 11:41-11:43, 11:46-11:49, 11:52Q, 11:54-11:56, 11:58, 11:60-11:70, 11:72-11:76, 11:79-11:93, 11:95-11:97, 11:99N-11:100, 11:102, 11:104-11:105, 11:107-11:109N, 11:114-11:115N, 11:117-11:120, 11:122-11:129, 11:131-11:133, 11:135-11:139	**1**									**10**														
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**	**24**
Length of spec.	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	**90**	##	##	##	##
PCR product(s)				##	##			##	##		##	##	##		##			##			##			
									##															
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**	**24**
*11:02:01-11:02:03, 11:14, 11:16-11:19, 11:40, 11:45, 11:51, 11:57, 11:71, 11:77-11:78N, 11:101, 11:106, 11:110-11:111, 11:121										**10**														
*11:08, 11:44	**1**																					**22**		
*11:10	**1**	**2**								**10**														
*11:25	**1**																							
*11:27, 11:39	**1**									**10**								**18**						
*11:98					**5**					**10**														
*11:103	**1**									**10**				**14**										
*24:24, 24:67																								
*24:141																								

*25:01:01-25:01:03, 25:01:05-25:02, 25:06-25:07, 25:10-25:11, 25:13-25:14, 25:16, 25:18, 25:20-25:21, 26:01:01-26:01:04, 26:01:07-26:01:14, 26:01:16, 26:01:18-26:01:25, 26:01:27-26:06, 26:09-26:10, 26:12-26:13, 26:15, 26:17, 26:21, 26:23-26:26, 26:30-26:34, 26:36-26:39, 26:41-26:42, 26:45-26:46, 26:50-26:53, 26:55-26:63, 26:65-26:66, 26:68-26:70, 26:74-26:80, 26:82, 26:84, 66:03, 66:05, 66:11																	**17**							
*25:01:04, 25:03, 25:15, 25:17, 26:07:01-26:07:02, 26:19-26:20, 26:35, 26:64, 26:72, 26:83, 43:01																	**17**							
*25:04, 25:12N, 26:01:05-26:01:06, 26:08, 26:27, 26:48, 26:67, 26:81																								
*25:05, 25:22, 26:54																	**17**							
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**	**24**
Length of spec.	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	**90**	##	##	##	##
PCR product(s)				##	##			##	##		##	##	##		##			##			##			
									##															
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**	**24**
*25:08, 26:01:26, 26:11N, 26:47																	**17**							
*25:09, 26:01:15, 26:14, 26:28																	**17**							
*25:19, 26:43:01-26:43:02									**9**															
*26:01:17																	**17**							
*26:16																	**17**							
*26:18													**13**				**17**							
*26:22																	**17**							**24**
*26:29, 26:49																	**17**							
*26:40, 26:73																								
*26:71N																	**17**							
*29:05										**10**													**23**	
*32:39														**14**										
*33:18:01-33:18:02		**2**																					**23**	
*33:51					**5**																			
*33:63																			**19**					
*34:01:01-34:01:02, 66:01-66:02, 66:04, 66:07-66:08, 66:12-66:14, 66:17	**1**																**17**							

*34:02:03	**1**	**2**							**9**														**23**	
*34:03-34:04, 34:07, 34:09	**1**	**2**							**?**														**23**	
*34:05	**1**																**17**							
*34:06	**1**								**?**															
*34:08	**1**	**2**							**?**														**23**	
*34:10N	**1**																						**23**	
*36:01, 36:03, 36:05																						**w**	**23**	
*66:06	**1**								**9**															
*66:09	**1**																**17**							**24**
*66:10	**1**																**17**							
*66:15					**5**												**17**							
*66:19	**1**																**17**				**21**			
*69:01	**1**																							**24**
*B*44:03:19*																								
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**	**24**

INTERPRETATION TABLE

HLA-A*68 SSP subtyping

Amplification patterns of the A*68:01 to A*68:99 and the A*69:01 alleles

Well[8]																						
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	
240	100	185	200	80	145	220	175	150	165	140	195	285	145	180	195	200	130	365	185	150	110	Length of spec.
	185	235	230	250	245																	PCR product(s)
1070	1070	1070	1070	**800**	1070	1070	**800**	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	Length of int.
																						pos. control[1]
28	453	87	121	102	102	2nd I	453	413	160	413	106	2nd I	2nd I	397	453	98	194	28	666	413	383	5'-primer(s)[2]
5'-TCg 3'	5'-AAA 3'	5'-ATA 3'	5'-gCT 3'	5'-ACT 3'	5'-ACT 3'	5'-CCT 3'	5'-AAA 3'	5'-CCg 3'	5'-ACT 3'	5'-CCg 3'	5'-CCg 3'	5'-CCT 3'	5'-CCT 3'	5'-gCg 3'	5'-AAA 3'	5'-CTC 3'	5'-CgA 3'	5'-TCg 3'	5'-gAA 3'	5'-CCg 3'	5'-ggA 3'	
	666	413	349	489	414																	
	5'-gAA 3'	5'-CCA 3'	5'-CTg 3'	5'-gCA 3'	5'-CAg 3'																	
			376																			
			5'-gCA 3'																			
97	512	282	282	308	308	506	578	524	282	512	259	570	430	538	605	259	282	224	809	521	453	3'-primer(s)[3]
5'-ggT 3'	5'-ACT 3'	5'-gAC 3'	5'-gAC 3'	5'-TCT 3'	5'-TCT 3'	5'-TgC 3'	5'-Tgg 3'	5'-CAA 3'	5'-gAC 3'	5'-CCT 3'	5'-gTT 3'	5'-CCg 3'	5'-gCg 3'	5'-CCA 3'	5'-gCC 3'	5'-gTT 3'	5'-gAC 3'	5'-TCT 3'	5'-CAT 3'	5'-ggA 3'	5'-TCT 3'	
	808	559	538	317	517		595															
	5'-AgA 3'	5'-CAT 3'	5'-CCA 3'	5'-ggA 3'	5'-CgT 3'		5'-CCg 3'															
				527																		
				5'-CCT 3'																		
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	Well No.
240	100	185	200	80	145	220	175	150	165	140	195	285	145	180	195	200	130	365	185	150	110	Length of spec.
	185	235	230	250	245																	PCR product(s)
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	Well No.
																						HLA-A allele[4]

											36											***68:01:01:01**-68:01:01:02, 68:01:03-68:01:05, 68:01:07-68:01:12, 68:01:18, 68:21:02, 68:56, 68:58, 68:72, 68:79, 68:87*
																						***68:01:02, 68:01:06**, 68:01:13, 68:01:15-68:01:17, 68:69-68:71, 68:73, 68:76, 68:83, 68:85, 68:89, 68:91, 68:93, 68:95, 68:98-68:99*
											36											*68:01:14, 34:02:01-34:02:02[5]
																						***68:02:01:01**-68:02:05, 68:62, 68:64, 68:74, 68:77-68:78, 68:82, 68:86, 68:97*
																						***68:03:01**-68:03:02*
											36											***68:03:03**
											36											*68:04
																						***68:05**
																						***68:06**
																						***68:07**
											36											*68:08:01
																						***68:08:02**
																						*68:09
																						***68:10**
																						***68:11N**
																						***68:12**
																						***68:13:01**-68:13:02*
																						*68:14
																						***68:15**
								33														***68:16**
																						***68:17**
																						*68:18N
																						***68:19**
																						*68:20
25	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**Well No.**
##	##	##	##	**80**	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	**Length of spec.**
	##	##	##	##	##																	**PCR product(s)**
25	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**Well No.**
							32															*68:21:01
											36											*68:22
																						*68:23
																						***68:24**
											36											***68:25**
											36	**37**										*68:26
											36											***68:27**, 66:16, 66:18[6]*
																						*68:28
25																						*68:29

																						*68:30
																						***68:31**
																						*68:32
	26																					***68:33**
		27																				*68:34
			28								36											***68:35**
				29																		***68:36**
				29	30																	***68:37**
			28																			*68:38
																						*68:39
																						***68:40**
																				45		*68:41
				29							36											*68:42
		27									36											*68:43
			28																			***68:44**
																41						*68:45
																						***68:46**
																						*68:47
						31																*68:48
	26																					*68:49N
						31					36											*68:50
																						*68:51
																					46	*68:52
							32															***68:53**
				29																		***68:54**, 68:61
									34		36											***68:55**
																						*68:57, 68:84, 68:90
										35	36											***68:59N**
																	42					***68:60**
				w							36											*68:63
25	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**Well No.**
##	##	##	##	80	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	**Length of spec.**
	##	##	##	##	##																	**PCR product(s)**
25	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**Well No.**
												37										***68:65**
																						*68:66, 68:75, 03:50, 03:66[7]
													38									***68:67**
											36			39								***68:68**
															40							***68:80**
																						*68:81
											36											*68:88
																						*68:92
											36							43				*68:94N
																			44			*68:96

																						*01:01:01:01-01:01:51, 01:02-01:04N, 01:07-01:11N, 01:14-01:18N, 01:21-01:24, 01:26-01:29, 01:31N-01:33, 01:35-01:50, 01:52N, 01:54-01:64, 01:67-01:69:01, 01:70-01:71, 01:74-01:78, 01:80-01:83:01, 01:84-01:97, 01:99, 01:101, 01:103-01:122
																						*01:01:52-01:01:53, 01:06, 01:25, 01:53N, 01:65, 01:69:02, 01:83:02, 01:100, 01:123N-01:125, 23:53, 29:03, 80:01:01:01-80:02
																						*01:12, 01:19, 11:38, 24:17, 24:41, 24:208, 29:33
																						*01:13, 03:18
																						*01:20, 01:66, 01:73
																						*01:51
																						*01:72, 01:102, 36:04
																						*01:98
																				45		*01:126
25	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**Well No.**
##	##	##	##	**80**	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	**Length of spec.**
	##	##	##	##	##																	**PCR product(s)**
25	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**Well No.**
																						*02:02, 02:05:01-02:05:05, 02:08, 02:47, 02:63, 02:102, 02:115, 02:154-02:155, 02:172, 02:179, 02:186, 02:209, 02:232, 02:286, 02:320, 02:324, 02:337, 02:344, 02:359, 02:373N
				29																		*02:03:01-02:03:04, 02:148, 02:253, 02:258, 02:264, 02:281, 02:315, 02:323, 02:345, 02:355, 02:370, 02:402
																						*02:05:06, 02:22:01-02:22:02, 02:50, 02:104, 02:136, 02:191, 02:230, 02:267, 02:376, 02:382, 23:02, 24:06, 24:138, 24:167, 31:30, 32:10, *B*27:25, C*02:07*

																						*02:06:05
				w																		*02:26, 02:99, 02:171:02
																						*02:34-02:35:03, 02:56:01-02:56:02, 02:62, 02:78, 02:103, 03:01:30, 03:19, 03:40, 03:43, 03:53, 03:82, 03:98, 03:103, 03:105, 11:01:35, 11:09, 11:22-11:24:02, 11:31, 11:50Q, 11:59, 11:112, 11:116, 24:19, 30:18, 30:55, 74:13, *C*03:82*
																						*02:49, 24:87, *B*27:45*
																						*02:52
																						*02:55, 33:22
							32															*02:74:02, 02:159, 23:25
																						*02:114, 02:246, 02:279, 29:22
25	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**Well No.**
##	##	##	##	**80**	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	**Length of spec.**
	##	##	##	##	##																	**PCR product(s)**
25	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**Well No.**
				29	**30**																	*02:117
																						*02:121, 02:237, 23:47, 24:18, 24:204, 24:213, *B*44:59:02*
																						*02:122
					30																	*02:135
																						*02:143
																						*02:229, 29:28, 36:02
25																						*02:243, 24:82
																						*02:339
																						*02:358
		27																				*02:385
																					46	*02:396

																						*03:01:01:01-03:01:08, 03:01:10-03:01:22, 03:01:24-03:01:29, 03:01:31-03:01:37, 03:02:01-03:03N, 03:04:02-03:07, 03:09, 03:11N-03:16, 03:17:02, 03:20-03:23:02, 03:25-03:31, 03:33-03:35, 03:37-03:39, 03:42, 03:44-03:49, 03:51-03:52, 03:54-03:56, 03:58-03:65, 03:67-03:81, 03:83-03:88, 03:90-03:94, 03:96, 03:99-03:102, 03:104, 03:106, 03:109-03:110, 03:112-03:121, 03:123-03:134, 03:136-03:141, 03:143-03:151, 03:153-03:160, 03:162N, 11:35, 11:130
25	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**Well No.**
##	##	##	##	**80**	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	**Length of spec.**
	##	##	##	##	##																	**PCR product(s)**
25	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**Well No.**
																						*03:01:09, 03:01:23, 03:08, 03:32, 03:36N, 03:41, 03:57, 03:89, 03:107-03:108, 03:111, 03:142, 03:152, 03:161N, 29:01:01:01-29:02:01:02, 29:02:03-29:02:13, 29:04, 29:06-29:21, 29:23-29:27, 29:29-29:31, 29:34-29:50, 30:26, 31:03-31:04, 31:06, 32:04, 32:30, 32:32
				29																		*03:01:38
																						*03:04:01
																						*03:10, 11:04
																						*03:17:01
																						*03:24
																						*03:95
																						*03:97, 03:122, 03:135, 11:94

																						*11:01:01-11:01:34, 11:01:36-11:01:45, 11:03, 11:05-11:07, 11:11-11:13, 11:15:01-11:15:02, 11:20-11:21N, 11:26, 11:29-11:30, 11:32-11:34, 11:36-11:37, 11:41-11:43, 11:46-11:49, 11:52Q, 11:54-11:56, 11:58, 11:60-11:70, 11:72-11:76, 11:79-11:93, 11:95-11:97, 11:99N-11:100, 11:102, 11:104-11:105, 11:107-11:109N, 11:114-11:115N, 11:117-11:120, 11:122-11:129, 11:131-11:133, 11:135-11:139
25	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**Well No.**
##	##	##	##	**80**	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	**Length of spec.**
	##	##	##	##	##																	**PCR product(s)**
25	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**Well No.**
																						*11:02:01-11:02:03, 11:14, 11:16-11:19, 11:40, 11:45, 11:51, 11:57, 11:71, 11:77-11:78N, 11:101, 11:106, 11:110-11:111, 11:121
																						*11:08, 11:44
											36											*11:10
				w																		*11:25
																						*11:27, 11:39
																						*11:98
																						*11:103
																41						*24:24, 24:67
															40							*24:141

					30	31					36											*25:01:01-25:01:03, 25:01:05-25:02, 25:06-25:07, 25:10-25:11, 25:13-25:14, 25:16, 25:18, 25:20-25:21, 26:01:01-26:01:04, 26:01:07-26:01:14, 26:01:16, 26:01:18-26:01:25, 26:01:27-26:06, 26:09-26:10, 26:12-26:13, 26:15, 26:17, 26:21, 26:23-26:26, 26:30-26:34, 26:36-26:39, 26:41-26:42, 26:45-26:46, 26:50-26:53, 26:55-26:63, 26:65-26:66, 26:68-26:70, 26:74-26:80, 26:82, 26:84, 66:03, 66:05, 66:11
					30	31																*25:01:04, 25:03, 25:15, 25:17, 26:07:01-26:07:02, 26:19-26:20, 26:35, 26:64, 26:72, 26:83, 43:01
					30	31					36											*25:04, 25:12N, 26:01:05-26:01:06, 26:08, 26:27, 26:48, 26:67, 26:81
					30						36											*25:05, 25:22, 26:54
25	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**Well No.**
##	##	##	##	**80**	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	**Length of spec.**
	##	##	##	##	##																	**PCR product(s)**
25	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**Well No.**
											36											*25:08, 26:01:26, 26:11N, 26:47
						31					36											*25:09, 26:01:15, 26:14, 26:28
					30	31					36											*25:19, 26:43:01-26:43:02
				29	30	31					36											*26:01:17
					30	31										41						*26:16
						31					36											*26:18
					30	31					36											*26:22
					30	31					36	37										*26:29, 26:49
						31					36											*26:40, 26:73
					30	31					36							43				*26:71N
																						*29:05
																						*32:39
																						*33:18:01-33:18:02
											36											*33:51
																						*33:63
					30	31					36											*34:01:01-34:01:02, 66:01-66:02, 66:04, 66:07-66:08, 66:12-66:14, 66:17

						31					**36**											*34:02:03
						?					**36**											*34:03-34:04, 34:07, 34:09
					30	**?**					**36**											*34:05
						?					**36**											*34:06
						?																*34:08
											36											*34:10N
																						*36:01, 36:03, 36:05
					30	**31**					**36**											*66:06
					30	**31**					**36**											*66:09
					30	**31**					**36**	**37**										*66:10
					30	**31**					**36**											*66:15
					30	**31**					**36**											*66:19
											36											*69:01
				29																		*B*44:03:19*
25	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**Well No.**