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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
HLA-C allele[1,2,3]																																																
*12:02:01-12:02:02:11, **12:02:04**-12:02:05, 12:02:07, 12:02:09-12:02:11, **12:02:13**, 12:02:16-12:02:18, 12:02:20-12:02:22, 12:02:24-12:02:27, 12:02:31, 12:02:33, 12:02:35-12:02:36, 12:02:38, 12:56, 12:64, 12:67-12:69, 12:74, 12:85, 12:103, 12:106, 12:112, 12:114, 12:117, 12:124, 12:126-12:128, 12:130, 12:134, 12:137, 12:142, 12:145, 12:151, 12:161, 12:168, 12:177, 12:179, 12:183, 12:193, 12:196, 12:198, 12:200, 12:204, 12:207, 12:212, 12:214, 12:226, 12:228, 12:231, 12:234, 12:236N, 12:239-12:241, 12:247, 12:250, 12:255, 12:261, 12:263, 12:268, 12:270N, 12:274:02N-12:275, 12:280-12:281, 12:285, 12:294, 12:303-12:304, 12:307-12:308, 12:315	**1**	**2**							**9**			**12**																																		**47**	**Negative Control**
*12:02:03, 12:96, 12:221, 12:296	**1**	**2**							**9**			**12**																																				
*12:02:06	**1**								**9**			**12**													**25**																						**47**	
*12:02:08, **12:02:12**	**1**								**9**			**12**													**25**																							
*12:02:14-12:02:15, 12:02:19, 12:02:30, 12:02:32, 12:02:34, 12:02:37, 12:224, 12:298	**1**								**9**			**12**																																		**47**	
*12:02:23, 12:02:28	**1**	**2**							**9**			**w**																																				
*12:02:29	**1**	**2**							**9**																																						**47**	
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**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**48**
***12:03:01:01**-12:03:01:36, 12:03:03, **12:03:05**-12:03:07, **12:03:10**-**12:03:12**, **12:03:14**-**12:03:15**, **12:03:17**-**12:03:18**, 12:03:21-**12:03:23**, 12:03:25-12:03:28, 12:03:31, 12:03:33, **12:03:35**-12:03:46, 12:03:48-12:03:65, 12:51-12:53, 12:57:01-12:57:02, 12:61, 12:65-12:66, 12:70-12:71, 12:75-12:79, 12:87-12:89, 12:91-12:93, 12:95, 12:97, 12:107, 12:115-12:116, 12:119-12:121, 12:129, 12:131, 12:133, 12:138, 12:140:01-12:141, 12:150, 12:152, 12:157, 12:170, 12:173-12:174, 12:178, 12:180, 12:182, 12:184, 12:186-12:187, 12:189-12:192, 12:194, 12:197, 12:199, 12:202, 12:206, 12:209-12:211, 12:213, 12:215-12:216, 12:218, 12:220, 12:223, 12:225, 12:229-12:230, 12:237-12:238, 12:242, 12:244-12:246, 12:248-12:249, 12:253-12:254, 12:256-12:257, 12:259-12:260:02, 12:262, 12:264-12:267, 12:271-12:274:01N, 12:276-12:277, 12:283-12:284, 12:286, 12:288-12:293, 12:295N, 12:297, 12:300, 12:302, 12:305-12:306, 12:310-12:314, 12:316-12:324N	**1**		**3**						**9**	**10**		**12**																																				
*12:03:02, **12:03:08,** 12:03:16, 12:03:20, 12:03:30, 12:03:47	**1**		**3**						**9**			**12**																																				
***12:03:04**	**1**		**3**						**9**	**10**							**17**																															
***12:03:09**, **12:159**[5]	**1**		**3**						**9**	**10**		**12**					**17**																															
***12:03:13**	**w**		**3**						**9**	**10**		**12**																																				
***12:03:19**	**1**	**2**	**3**						**9**			**12**															**27**																					
*12:03:24	**1**		**3**						**9**	**10**		**w**																																				
***12:03:29**	**1**		**3**						**9**	**10**		**12**																																			**47**	
*12:03:32	**1**	**2**	**3**						**9**			**12**															**27**																				**47**	
*12:03:34:01-12:03:34:02	**1**		**3**						**9**																																							
*12:04:01	**1**		**3**	**4**			**7**		**9**																															**40**								
***12:04:02:01**-12:04:02:02	**1**		**3**	**4**			**7**		**9**	**10**																														**40**								
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**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**48**
***12:05**			**3**	**4**	**5**		**7**			**10**																																							
*12:06, 12:48, 12:81[5]	**1**		**3**			**6**			**9**	**10**		**12**																																				
***12:07**	**1**		**3**					**8**	**9**	**10**		**12**																																				
*12:08	**1**	**2**				**6**			**9**			**12**																																			**47**	
***12:09**, 05:16, 05:85, 05:107, 16:88[4]				**4**	**5**		**7**				**11**																																				
*12:10:01-12:10:02	**1**	**2**							**9**			**12**	**13**																																			
*12:11, 12:227[5]	**1**		**3**						**9**	**10**		**12**		**14**																																		
***12:12**	**1**		**3**						**9**	**10**		**12**			**15**																																	
***12:13:01:01**-12:13:01:02, 12:176	**1**		**3**						**9**	**10**		**12**				**16**																															
*12:14:01	**1**								**9**			**12**				**16**					**21**																										**47**	
*12:14:02	**1**	**2**							**9**			**12**				**16**			**19**		**21**																										**47**	
*12:15	**1**		**3**					**8**	**9**	**10**		**12**										**22**																**38**									
***12:16:01**		**2**							**9**			**12**		**14**																														**44**			**47**	
*12:16:02		**2**							**9**																																						**47**	
*12:17	**1**	**2**							**9**			**12**						**18**																													**47**	
***12:18:01**, 12:83, 12:169	**1**	**2**							**9**			**12**							**19**		**21**																										**47**	
*12:18:02	**1**								**9**			**12**									**21**																										**47**	
***12:19**	**1**								**9**			**12**								**20**																												
*12:20, 12:175	**1**								**9**	**10**		**12**									**21**																											
***12:21**				**4**	**5**		**7**															**22**			**25**																							
*12:22	**1**	**2**							**9**			**12**								**20**																											**47**	
***12:23**, 12:203[5]	**1**		**3**						**9**	**10**		**12**										**22**																											
***12:24**	**1**								**9**	**10**	**11**	**12**																																				

***12:25**	1		3						9	10		12							19																																		N
*12:26	1		3						9			12										23																														
***12:27**	1	2							9									18																																47		
***12:28**	1		3							10		12											24																						43							
*12:29, **12:38**[5]	1		3						9	10		12																			29																					
***12:30**, 12:36[5]	1	2							9			12														27																							47		
*12:31:01-12:31:02	1		3						9	10		12	13																																						
*12:32, **12:34**[5]	1		3						9	10		12																				30																			
*12:33, 16:91[4]			3	4	5		7																																												
***12:35**	1		3						9	10		12						18																																	
***12:37**	1		3						9	10		12																					32																		
***12:39N**, 12:167[5]	1		3						9	10		12												25																												
*12:40	1	2						8	9			12																																					47		
***12:41**	1	2		4			7		9																																				40				47		
***12:42Q**	1		3						9	10		12																			29		31																		
***12:43**	1		3						9	10		12											24																												
***12:44**	1	2							9			12													26																										
***12:45**, **12:50**, 12:232N[5]	1		3						9	10		12															28																								
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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
*12:46N, 12:139Q[5]	1		3						9	10		12							20																																
***12:47**	1		3						9	10		12																			31																				
*12:49		2			5							12																																							
***12:54**	1		3	4			7		9	10																						32																		
*12:55, 12:269			3						9	10		12																																							
***12:58**	1		3							10		12							20																																
***12:59**	1		3						9			12																											39												
***12:60**	1		3	4			7		9	10				14																										40											
***12:62**	1		3						9	10		12																				32				36															
***12:63**	1		3							10		12											23																													
***12:72**	1	2							9			w																												40								47		
***12:73**	1	2							9			12																									37											47		
*12:80N	1	2						8	9			12																			31																	47		
***12:82**	1		3						9	10		12																											39											
*12:84N	1	2							9			12																			31																	47		
***12:86**, 12:104N[5]	1	2							9			12																	29																			47		
***12:90**	1		3						9	10		12																													41									
***12:94**	1		3						9	10		12							20							27																								
*12:98			3		5					10		12																																							
***12:99:01**, 12:235	1		3						9	10		12										22		24																											
*12:99:02	1		3						9	10		12					17					22																													
***12:100**	1		3						9	10		12																					33																	
***12:101**	1		3						9	10		12														27																								
***12:102**	1		3			6			9	10		12																		30																				
*12:105N	1	2							9			12																					33																47		
*12:108	1		3							10		12																									37													
***12:109**, 12:171[5]	1		3						9	10		12																						34																
*12:110	1		3						9	10		12																							35															
*12:111	1		3						9	10		12																								36														
***12:113**, 12:282	1		3						9	10		12																										38												
*12:118	1								9			12		14											25																										
***12:122**	1		3						9	10		12																														42								
***12:123**	1	2							9																						31																	47		
*12:125	1		3						9	10		12																						34	35															
***12:132**	1	2										12																															43				47		
*12:135	1		3							10		w											24																	40			43							
***12:136**	1	2							9			12																											39									47		
***12:143**, 12:278	1		3						9	10		12																							35												46		
***12:144**, 12:185	1		3						9			12																		30																				
*12:146	1	2		4			7																																	40			43					47		
*12:147			3						9	10		12		14																														44						
*12:148N	1	2							9			12																													41								47		
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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
***12:149**	1		3						9	10		12													25											36														
***12:153**	1								9	10		12															27																							
*12:154	1		3						9	10		w																												40										
*12:155Q	1	2							9			12	13														27																							
***12:156**	1		3						9	10		12	13																										38											
***12:158**	1		3						9	10	11	12							20																															
*12:160	1		3						9	10		12																																44						
***12:162**	1	2							9			12																		30																				
***12:163**	1		3						9	10		12																									37													
***12:164**	1	2							9			12																			31											41								47		
***12:165**	1		3						9	10		12																																			46			
*12:166	1	2							9			12																28																					47		
*12:172	1		3						9	10		12											23						29																						
*12:181, 07:723[4]	1								9			12																																		45				
***12:188**		2		4	5	6	7																									32																		
*12:195:01			3						9	10							17																																		
*12:195:02			3						9	10		12																																44						
*12:195:03			3						9																																									
*12:201	1		3						9	10		12						18					23																												
***12:205**	1		3						9	10		12											23																												
*12:208, 12:222, 12:233, 12:251, 12:258, 08:05, 08:25, 16:15:01[4]	1								9			12																																						
*12:217		2							9			12																																44				47		
*12:219N	1	2							9			12																	29				33																47		
*12:243	1	2							9			12													25																								47		
*12:252	1	2										12							20																														47		
*12:279	1	2							9			12		14																																		47		
*12:287	1	2				6						12																															43				47		
*12:301			3							10		12			15																																			
*12:309	1								9			12														26												38												
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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	

Negative Control

Negative Control

*01:02:01:01-01:02:17, 01:02:19-01:02:33, 01:02:35-01:03:02, 01:06-01:07:01, 01:08, 01:10-01:13, 01:15:01-01:16, 01:18-01:20, 01:23-01:30, 01:33-01:34, 01:37N-01:48, 01:51-01:54, 01:56N-01:58, 01:61-01:78, 01:80-01:117N, 01:119, 01:121Q-01:127, 01:130, 01:132-01:151, 01:153-01:156, 01:159, 01:161-01:172, 01:174-01:175, 01:177-01:194, 01:196-01:197, 03:58, 03:86, 03:94, 14:02:01-14:02:02, 14:02:04-14:02:07, 14:02:09-14:02:20, 14:02:22-14:02:31, 14:02:33-14:02:37, 14:03:02, 14:05, 14:07N, 14:11, 14:13-14:14, 14:18-14:21N, 14:23-14:27, 14:29-14:34, 14:36-14:37, 14:39-14:40, 14:42-14:47:02N, 14:50-14:52, 14:55-14:60, 14:62, 14:66-14:69, 14:71-14:72, 14:74-14:76, 14:78, 14:80-14:81, 14:83, 14:85, 14:88-14:89, 14:91, 14:94-14:104, 14:106-14:107, 14:109-14:111, 14:114-14:115, 14:117N, 14:119-14:120, _B*07:239, B*14:03_											11																																					Negative Control
*01:02:18										10	11						17																															
*01:02:34					5						11	12		14																																		
*01:04		2	3																								27																					
*01:09:01-01:09:02, 14:16, _B*15:510, B*35:475_			3																																													
*01:14, 14:12, 14:108				4							11																																					
*01:17, 01:152, 01:157									9		11																																					
*01:21		2							9			12		14																																	47	
*01:22, 01:35, 01:131, 01:160, 14:06, 14:15, 14:87, 15:05:12, 15:43																					21																											
*01:31											11									20																												
*01:32:01-01:32:02, 14:65, 14:82											11																	28																				
*01:59, 14:64				4							11																					32																
*01:60, 14:17											11					16																																
*01:118				4		6					11																					32																
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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
*01:128, 14:73						6			9		11																																					
*01:129, 14:48											11									20							27																					
*01:173											11																								35											46		
*01:195						6					11																																					
*02:02:01-02:02:03, 02:02:06-02:02:07, 02:02:09-02:02:11, 02:02:14-02:02:28, 02:02:30-02:02:43, 02:02:45-02:04, 02:06:01-02:11, 02:13, 02:15-02:16:02, 02:18-02:25Q, 02:26:02-02:26:03, 02:28-02:40:02, 02:43:01-02:48, 02:50, 02:52N-02:54, 02:57-02:62, 02:66-02:74, 02:76-02:86, 02:88-02:89, 02:91-02:106, 02:108-02:114, 02:116-02:125, 02:127-02:128, 02:130, 02:132, 02:135N-02:147, 02:149-02:151, 02:153-02:158, 02:160, 02:162-02:163, 02:165N-02:166, 02:168-02:169N, 02:171-02:179, 02:181-02:192N, 04:414, 05:01:26, 05:01:29, 05:13, 05:26, 05:30, 05:58:01, 05:58:03, 05:78:01-05:78:02, 05:160, 05:196, 05:200, 05:202Q, 15:08:01-15:08:02, 15:51, 15:74-15:75, 15:84Q, 15:143, 15:148, 15:214, 16:02:08, 16:121, 16:144				4	5																																											Negative Control
*02:02:08, 02:02:13, 02:02:29, 02:63, 02:90, 03:07:01:01-03:07:02, 03:45, 03:268				4																																												
*02:02:12, 02:129, 16:01:26, 16:02:15, 16:02:18, 16:94, 16:106					5																																											
*02:02:44				4	5																				25																							
*02:05:01-02:05:03, 02:17			3	4	5																																											
*02:12	1								9			w													25															40							47	
*02:14:01-02:14:02, 02:164				4	5																																							44				
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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48

*02:26:01, 02:134, 02:167, 05:01:01:01-05:01:11, 05:01:13-05:01:23, 05:01:25, 05:01:27-05:01:28, 05:01:30-05:01:32, 05:01:34-05:01:53, 05:03-05:07N, 05:09:01-05:10, 05:12, 05:14-05:15, 05:18:01-05:19, 05:21-05:22:02, 05:24, 05:28-05:29:01, 05:31-05:35, 05:37-05:41, 05:44:01-05:45, 05:47-05:51Q, 05:53-05:54, 05:56-05:57, 05:58:02, 05:58:04-05:61, 05:63-05:67, 05:69-05:77, 05:80, 05:82-05:84, 05:86-05:88, 05:90-05:92N, 05:94-05:97, 05:99N-05:106:01, 05:108, 05:110-05:114, 05:116-05:128N, 05:130-05:133, 05:135-05:136, 05:138-05:142, 05:144-05:150, 05:152-05:159, 05:161-05:183, 05:185-05:195, 05:198-05:199, 05:201, 05:203-05:216:01:02, 05:218-05:234, 05:236-05:239N, 16:02:01:01-16:02:07, 16:02:09-16:02:12, 16:02:14, 16:02:16, 16:09, 16:12, 16:19, 16:47, 16:60, 16:63, 16:74, 16:77N, 16:84, 16:89N-16:90, 16:99, 16:101, 16:104, 16:107-16:108, 16:115, 16:120, 16:123N, 16:132N-16:133, 16:136, 16:140, 16:145, 16:153, 16:155-16:156, 16:163, 16:166-16:167				4	5		7																																															Negative Control
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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48				
*02:27:01-02:27:02, 02:87, 03:04:25, 04:11, 08:02:01:01-08:02:01:28, 08:02:04-08:02:10, 08:02:12-08:02:30, 08:15:01-08:15:02, 08:17, 08:19:01-08:19:02, 08:23, 08:27, 08:30, 08:32-08:35, 08:43, 08:45, 08:48-08:49, 08:51-08:53, 08:55N, 08:62:01-08:63, 08:67-08:71, 08:74-08:77, 08:90, 08:92, 08:94, 08:100, 08:107-08:108, 08:110-08:112, 08:114-08:116, 08:118, 08:120, 08:125-08:126, 08:132, 08:134, 08:140, 08:142, 08:146, 08:149-08:152, 08:156, 08:158-08:159, 08:161N, 08:166-08:167, 08:169-08:172, 08:179-08:181N, 08:183-08:185, 08:191, 08:195, 08:198, 08:200-08:202, 08:206-08:207, 08:211, 14:08, 14:54, 14:90, 16:01:01:01-16:01:01:19, 16:01:03-16:01:15, 16:01:18-16:01:25, 16:01:27-16:01:39, 16:06-16:08, 16:10-16:11, 16:16Q-16:18, 16:20, 16:22-16:24, 16:27-16:28, 16:30N-16:32, 16:34, 16:38-16:39:02, 16:41, 16:43-16:45, 16:49-16:52, 16:54, 16:56, 16:58-16:59, 16:62, 16:65, 16:67, 16:72-16:73, 16:75-16:76, 16:79, 16:83, 16:86, 16:92-16:93, 16:95-16:97, 16:100, 16:105, 16:111-16:114, 16:116-16:118, 16:122, 16:125, 16:127-16:131, 16:134-16:135, 16:137-16:139, 16:141-16:142, 16:146-16:148, 16:151-16:152, 16:154, 16:157-16:162, 16:164-16:165, 16:168-16:169, 16:171-16:173					5						12																																										Negative Control
*02:42				4	5									14																																								
*02:49	1			4																					w															40			43				47					
*02:51, 02:64				4	5																									30																						
*02:55:01-02:55:02	1			4					9																w															40							47					
*02:56, 02:159, 02:161				4	5																							28																								
*02:65				4	5																											32																				
*02:75, 04:10, 04:153, 04:210, 04:215N, 04:347				4	5																																						43										
*02:107				4	5		7							14																														44								
*02:115	1											12													25																		43				47					
*02:126, 16:37					5							w																																									
*02:131, 08:73, *B*07:02:77, B*08:01:36, B*15:01:50, B*18:03:02, B*35:08:02, B*35:08:05, B*55:01:25*												12			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	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48				
*02:133				4	5																										31																					
*02:148				4	5																																									46					
*02:152, 05:98, 05:197				4	5		7							14																																						
*02:170				4	5																													34																		
*02:180				4	5											16																																				
*03:03:40																	17					22		24																		42										
*03:08, 03:29, 03:31						6																																														
*03:15	1			4																																				40													
*03:27, 03:431	1								9																																											
*03:38:01-03:38:02	1								9																	26																										
*03:53, *A*68:226*	1																	18																																		
*03:69, 03:136, 03:274	1																									26																										
*03:102, 03:263:01-03:263:02, 03:514, 14:92																												28																								

*03:104, *A*03:01:64, A*30:01:14, B*07:365, B*08:144, B*15:492, B*18:77, B*35:373, B*39:66, B*40:29*																			19																																	
*03:130	1			4					9																	26						32																				
*03:140:01:01-03:140:01:02, 03:243				4																												32																				
*03:163	1			4					9																	26																	40								
*03:171, 03:211:01																																		34																		
*03:246	1					6			9																	26																										
*03:282, *B*35:339, B*40:346*																																					36															
*03:297, 03:461	1			4																						26																	40								
*03:411																																			35														46		
*03:465, *A*02:362, A*26:85, A*66:41, B*13:80, B*18:116, B*35:326, B*44:38*																							23																												
*03:477, 03:496																							23							29																						
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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
*04:01:01:01-04:01:01:29, 04:01:01:31-04:01:04, 04:01:06-04:01:09, 04:01:11-04:01:22, 04:01:24-04:01:28, 04:01:30-04:01:47, 04:01:49-04:01:54, 04:01:56-04:01:73, 04:01:76, 04:01:78-04:01:106:02, 04:01:108-04:01:123, 04:01:125-04:01:129, 04:03:02, 04:04:01:01-04:05, 04:07:01, 04:08-04:09N, 04:13:01:01-04:14, 04:15:02, 04:17-04:20, 04:23-04:26, 04:28, 04:30-04:32, 04:34-04:35:02, 04:38-04:41, 04:43-04:44, 04:46-04:51, 04:53-04:54:02, 04:56-04:57, 04:59Q-04:79, 04:81-04:96, 04:98:01-04:99, 04:101-04:102, 04:104-04:106, 04:108-04:111, 04:113, 04:115N, 04:117-04:129, 04:131-04:139, 04:141-04:143, 04:145-04:146, 04:149-04:152, 04:154-04:159, 04:161-04:165, 04:167-04:168, 04:170N, 04:173N-04:177, 04:179, 04:180:02-04:189, 04:191N-04:209, 04:211-04:213, 04:216-04:219, 04:221-04:225N, 04:227-04:229, 04:232-04:248, 04:251-04:255N, 04:257-04:262, 04:264-04:279N, 04:281-04:282, 04:284, 04:287-04:293, 04:295-04:298, 04:300N-04:332, 04:334, 04:336, 04:338Q-04:345, 04:348-04:350N, 04:352-04:356, 04:358-04:359, 04:361-04:362N, 04:364N-04:366, 04:369N, 04:371N-04:374N, 04:376-04:379, 04:382Q, 04:384-04:392, 04:394-04:399, 04:401, 04:403-04:404, 04:406-04:413, 04:415, 04:417N-04:421, 04:423-04:424				4																																				40			43						Negative Control
*04:01:05, 04:01:124				4									13											24	25														38		40			43					
*04:01:10, 04:01:23, 04:07:02, 04:27, 04:116, 04:130, 04:166:02, 04:283, 18:12				4																																				40									
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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
*04:01:29, 04:01:77, 04:249, 04:299																																								40			43						Negative Control
*04:01:48, 04:01:107, 04:45, 04:97, 04:148, 04:250, 04:285, 04:333, 04:346, 04:416				4																																							43					
*04:01:55, 04:15:01, 04:15:03, 04:367				4																																				40			43					47
*04:01:74				4																																				40			w					
*04:01:75				4									13																											40			43					
*04:03:01:01-04:03:01:02, 04:03:03-04:03:07, 04:06:01-04:06:03, 04:16, 04:147, 04:171, 04:190, 04:256, 04:286, 04:335, 04:351:01-04:351:02, 04:357, 04:363, 04:381, 04:393, 04:400, 04:402	1			4																																				40			43					
*04:12				4														18																						40			43					
*04:29												12																															43					
*04:33, 04:231				4					9																															40								
*04:36, 08:28, 16:26					5							12																															43					
*04:37, 04:230, 04:263				4							11																													40			43					
*04:42:01-04:42:02				4			7																																	40			43	44				
*04:52, 04:405				4																20																				40								
*04:55					5							12								20																												
*04:58, 04:368				4												16																								40			43					
*04:80	1			4																						26														40			43					
*04:100, 04:178, 04:370, 04:422				4																						26														40			43					
*04:103:01-04:103:02, 05:42	1			4			7																																	40			43					
*04:107	1			4					9																															40								
*04:112				4		6																																		40			43					
*04:114				4																												32											43					
*04:140, 04:166:01				4										14																										40			43					
*04:144				4																														34						40			43					
*04:160	1			4												16																								40			43					
*04:169, 16:70				4	5	6																																										
*04:172									9			12																																				
*04:180:01				4																								28												40			43					
*04:214					5							w																															43					
*04:220				4			7							14																										40			43	44				
*04:226				4																					w															40			43					
*04:280				4																																			w	40			43					

*04:294	1			4																																			40			43				47	
*04:337	1			4																		23						29											40			43					
*04:360			3	4																																			40			43					
*04:375, 04:380				4																													35						40			43			46		
*04:383	1			4																											32											43					
*05:01:12, 05:29:02, 05:109, 05:137, 16:02:17, 16:69				4			7																																																
*05:01:24, 05:01:33				4	w		7																																																
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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
*05:08, 05:52, 05:89				4	5		7																							30																			Negative Control
*05:11, 05:17, 05:27, 05:68, 05:79, 05:115, 05:184, 08:10, 15:02:25, 15:05:15, 15:10:01, 15:10:04, 15:107, 15:208, 16:48				4	5		7														21																												
*05:20, 16:57				4	5		7																									32																	
*05:23, 05:62, 05:143				4	5		7									16																																	
*05:25, 16:46				4	5		7																																			43							
*05:36				4	5	6	7																																										
*05:43				4	5		7																																					44					
*05:46:01:01-05:46:01:02, 16:25	1			4			7		9																														40										
*05:55				4	5		7													20																													
*05:81, 05:217, 16:102				4	5		7																					28																					
*05:93				4	5		7																											34															
*05:106:02				4	5		7						13									22			25																									
*05:129					w																																													
*05:134, 05:151				4	5		7									16					21																												
*05:235				4	5		7																23																											
*06:02:01:01-06:02:01:45, 06:02:03-06:02:08, 06:02:10-06:02:11, 06:02:13-06:02:20, 06:02:22-06:02:23, 06:02:25-06:02:36, 06:02:39-06:02:42, 06:02:44-06:02:50:02, 06:02:52-06:02:64, 06:02:66-06:02:71, 06:02:73-06:02:82, 06:07-06:10, 06:12-06:13, 06:15-06:17, 06:19, 06:21-06:29, 06:31-06:32, 06:34:01-06:34:02, 06:36-06:39, 06:42:01-06:43:02, 06:45-06:51, 06:53:01-06:55, 06:57-06:64, 06:66-06:70:01, 06:71, 06:74Q-06:75, 06:77-06:78, 06:80, 06:83-06:86, 06:88-06:100, 06:102:01-06:103, 06:105-06:117, 06:121, 06:126, 06:128N-06:131, 06:133-06:135, 06:137, 06:139-06:142, 06:145-06:146, 06:148-06:152N, 06:154-06:187, 06:189-06:196, 06:199-06:202, 06:205-06:209, 06:211:01:01N-06:216, 06:218-06:226, 06:228-06:247, 06:249-06:251, 06:253, 06:255-06:263N, 06:265-06:270, 06:272-06:279, 06:281N-06:303, 06:305-06:307			3	4			7																																40										
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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
*06:02:09, 06:02:21, 06:18, 06:33, 06:70:02, 06:104, 06:119-06:120, 06:125, 06:188, 06:254			3	4																																			40										Negative Control
*06:02:12, 06:02:65, 06:52, 06:280			3																																				40										
*06:02:24, 06:02:51, 06:65, 06:138, 06:198			3	4			7																																										
*06:02:37			3	4			7																																40								47		
*06:02:38			3	4			7			10							17							24															40										
*06:02:43, 06:35, 06:40, 06:72, 06:79N, 06:81, 06:101, 06:123, 06:127:01:01-06:127:01:02, 06:136, 06:144, 06:203, 06:304, 18:01:01:01-18:08, 18:10-18:11, 18:13-18:14				4			7																																40										
*06:02:72			3	4			7							14																									40			43	44						
*06:03:01, 06:132:01-06:132:02	1		3	4																																			40										
*06:03:02, 06:76:01	1		3	4			7																																40										
*06:04:01-06:04:02, 06:153, 06:197				4			7														21																		40										
*06:05				4	5		7				11			w																												43	44						
*06:06, 06:271				4			7				11																												40										
*06:11, 06:147, 06:217, 06:248			3									12																																					
*06:14, 06:143				4			7																			26													40										
*06:20, 06:87			3	4			7																					28											40										
*06:30			3	4			7		9																														40										
*06:41			3	4			7																							30										40										
*06:44			3	4		6	7																																										
*06:56			3	4			7																23																40										
*06:73			3	4			7																											34						40										
*06:76:02	1		3	4			7			10														24															40			43							
*06:82			3	4			7																									32																	
*06:118				4			7									16					21																		40										
*06:122			3									w																											40										
*06:124			3									w																																					
*06:127:02, 06:264				4			7																																40								47		
*06:204				4			7		9		11																												40										
*06:210			3	4			7		9																							32																	
*06:227			3	4			7																												35				40							46			
*06:252			3			6						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	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
*07:01:01:01-07:01:02:08, 07:01:04-07:01:06, 07:01:08-07:01:12, 07:01:14-																																																	

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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
07:01:19, 07:01:21-07:01:26, 07:01:28-07:01:73, 07:01:75-07:01:88, 07:01:90-07:02:08, 07:02:10-07:02:20, 07:02:22-07:02:37, 07:02:39-07:02:104:02, 07:02:106:01-07:03, 07:04:12, 07:05-07:06:04, 07:08, 07:13:01:01-07:13:01:02, 07:15, 07:17:01:01-07:17:03, 07:18:01:01-07:23, 07:25, 07:27:01, 07:28-07:31:01, 07:32N-07:33N, 07:35-07:40, 07:42, 07:44, 07:46-07:48, 07:50, 07:52-07:62, 07:64-07:67, 07:69-07:75, 07:77-07:80, 07:82-07:91, 07:93:01-07:95, 07:97-07:100, 07:103-07:138, 07:140:01-07:141:02, 07:143-07:165, 07:167, 07:169-07:180, 07:182-07:195, 07:197-07:198N, 07:200-07:203, 07:204:02-07:209, 07:211-07:213, 07:215-07:217, 07:219-07:237, 07:239-07:246:02, 07:248-07:271, 07:273-07:294, 07:296-07:301, 07:303-07:313, 07:316, 07:318-07:322, 07:325-07:327, 07:330:01-07:337, 07:339-07:347N, 07:349-07:350N, 07:352-07:353, 07:356-07:357, 07:359-07:363, 07:366, 07:368:01-07:377, 07:379-07:393N, 07:396-07:402, 07:404-07:405, 07:407-07:412, 07:414-07:419, 07:421, 07:423-07:425, 07:427, 07:430-07:446, 07:448-07:449, 07:451N-07:458, 07:460-07:465, 07:468-07:469, 07:471-07:479, 07:481, 07:483N-07:486, 07:488-07:500, 07:502-07:512, 07:514-07:522, 07:524-07:525, 07:526:02-07:533, 07:536-07:551N, 07:553-07:558:01:02, 07:560-07:561, 07:564-07:567, 07:570-07:577, 07:579-07:580, 07:582Q, 07:584, 07:587-07:597, 07:599, 07:601-07:619, 07:621, 07:624-07:625, 07:627-07:650:02, 07:652-07:654, 07:657-07:663Q, 07:665-07:671, 07:673, 07:675N-07:680, 07:682:01:01-07:692, 07:694-07:722, 07:724-07:741, 07:743N-07:750N, 07:752N-07:755, 07:757-07:765, 07:767-07:779, 07:781-07:796N, 07:798, 07:800-07:819Q, 07:822-07:830, 07:833-07:837, 07:840N-07:844, 07:846-07:851, 07:853-07:857, 07:859-07:867, 07:869, 07:871-07:875, 07:877-07:880																																													45			
*07:01:07, 07:14, 07:27:02, 07:31:02, 07:43:02, 07:526:01, 07:681																																													45		47	
*07:01:13, 07:04:01:01-07:04:02:02, 07:04:04-07:04:11, 07:04:13-07:04:23, 07:11-07:12, 07:45, 07:63, 07:68, 07:101, 07:139, 07:142, 07:199:01, 07:272, 07:302, 07:323-07:324, 07:329N, 07:338, 07:354-07:355, 07:358, 07:364-07:365, 07:378, 07:394-07:395, 07:420, 07:426, 07:428, 07:459, 07:466-07:467, 07:480, 07:487, 07:501, 07:523, 07:534-07:535, 07:552, 07:562-07:563, 07:569, 07:585-07:586, 07:600:01N-07:600:02N, 07:622, 07:626, 07:651, 07:655, 07:664, 07:672N, 07:674, 07:693, 07:742, 07:751N, 07:780, 07:797N, 07:831, 07:838-07:839N, 07:852, 07:858, 07:868, 07:876												12																																	45			
*07:01:20, 07:01:27, 07:02:38, 07:17:04, 07:581																			19																										45			
*07:01:74, 07:02:09												12		14																													43	44	45			
*07:04:03, 07:199:02												12																																	45		47	
*07:07, 07:598				4			7		9																															40						45			
*07:09, 07:76:01-07:76:02, 07:315, 07:406				4			7																																	40						45			
*07:10, 07:43:01, 07:196, 07:568																										26																				45			
*07:16, 07:51									9																																				45			
*07:24, 07:81, 07:168, 07:218, 07:450																												28																	45			
*07:26:01:01-07:26:03, 07:92, 07:96:01-07:96:02, 07:314:01-07:314:03, 07:317, 07:578, 07:756, 07:821N, 07:845, 07:870	1																																												45			
*07:49, 07:210, 07:238, 07:247, 07:403				4			7																									32													45			
*07:102																																							39						45			
*07:181									9			12																																	45			
*07:204:01, 07:482																																32													45			
*07:214, 07:429																											27																		45			

Negative Control

*07:328				4			7																																								45			
*07:351	1																																		39											45			
*07:367									9																	26																			45			
*07:413, 07:422																									25														36							45			
*07:447												12					17							24																						45			
*07:470, 07:620																						23																								45			
*07:513Q																													29		31															45			
*07:559																																										40				45			
*07:583	1											12																																43		45			
*07:656												w																														40				45			
*07:820N																													29				33													45			
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**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**48**
*08:01:01:01-08:01:18, 08:01:20-08:01:29, 08:03:01-08:04:03, 08:06, 08:08:01-08:09, 08:11, 08:13, 08:16:01-08:16:02, 08:22:01:01-08:22:01:02, 08:24, 08:26N, 08:36N, 08:38-08:39, 08:41-08:42, 08:44, 08:46, 08:50, 08:54, 08:56-08:61, 08:65-08:66, 08:72:01-08:72:02, 08:78-08:79, 08:81-08:89N, 08:91, 08:93, 08:96-08:99, 08:101-08:102, 08:105-08:106, 08:109, 08:113, 08:117, 08:119, 08:121N, 08:124, 08:127N-08:131, 08:133, 08:135-08:136, 08:138, 08:141Q, 08:143-08:145, 08:147-08:148, 08:153-08:155, 08:157, 08:162-08:165, 08:173N-08:178, 08:182, 08:186-08:187, 08:189-08:190, 08:192-08:194, 08:196-08:197, 08:199, 08:203-08:205, 08:208N-08:210, 08:212-08:213, 14:53, 15:07:01:01-15:07:01:02, 16:35, 16:40					5							12									21																													Negative Control
*08:01:19					5							12	13								21	22			25																										
*08:02:02					5							12													25																										
*08:02:03, 16:01:16, *B*15:434*												12																																						
*08:07, 08:47					5							12				16																																		
*08:12:01:01-08:12:01:02, 14:02:03, 14:03:01:01-14:03:01:02, 14:03:03-14:03:04, 14:22, 14:35N, 14:41, 14:61, 14:70, 14:79, 14:86, 14:112-14:113, 14:118, 16:53, 16:68					5						11	12																																					
*08:14, 08:80					5							12		14							21																														
*08:18					5							12																								36														
*08:20, 08:40					5							12									21													34																	
*08:21	1								9			12									21																														
*08:29, 08:31					5							12																		30																				
*08:37, 16:21					5							12																																	44					
*08:95					w							w									21																														
*08:103					5							12		14																																				
*08:104, 08:188					5							12				16					21																														
*08:122					5							12							19		21																														
*08:123, 16:13, 16:98					5							12																28																						
*08:137	1											12									21																							43						
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**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**48**
*08:139, 16:110					5							12									21							28																						
*08:160					5							12	13																																					
*08:168					5							12									21																							43						
*14:02:08										10	11		13				17																					38												
*14:02:21		2									11		13														27																							
*14:03:05		2			5						11	12	13														27																							
*14:04				4					9		11																					32																		
*14:10, 14:38					5						11	12								20																														
*14:49				4							11																													40										
*14:77				4					9												21											32																		
*14:84											11																27																							
*14:93N											11																		29																					
*14:116					5						11	12																															43						
*15:02:01:01-15:02:09, 15:02:11-15:02:13, 15:02:15-15:02:16, 15:02:18-15:02:24, 15:02:26-15:02:38, 15:02:40-15:02:45, 15:04:01:01-15:05:07, 15:05:09-15:05:10, 15:05:13-15:05:14, 15:05:16-15:06:03, 15:09:01:01-15:09:02, 15:10:02-15:10:03, 15:11, 15:13:01:01-15:13:01:02, 15:15, 15:17-15:19, 15:22, 15:24, 15:26-15:42, 15:44:01-15:44:02, 15:46-15:50, 15:52:01-15:61, 15:64, 15:66, 15:68-15:70, 15:72-15:73, 15:76-15:82, 15:86-15:98, 15:100-15:101, 15:103-15:106, 15:108-15:112, 15:114-15:115N, 15:117-15:125, 15:127-15:137, 15:139-15:142, 15:145N-15:146, 15:149-15:153, 15:155-15:157, 15:159-15:168, 15:170-15:180, 15:182-15:183, 15:185N-15:207, 15:209, 15:211-15:213N, 15:215-15:220				4	5																21																													Negative Control
*15:02:10, 15:02:17, 15:83, 15:99, 15:184, 15:210				4																	21																												
*15:02:14				4	5			8													21	22																38											
*15:02:39				4	5														19		21																												
*15:03, 15:16	1			4					9												21				w	26														40									

*15:05:11, 15:71					5																21																																
*15:12				4	5															20	21																																
*15:21, 15:116					5							w									21																																
*15:23:01, 15:138				4	5		7														21																									44							
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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
*15:23:02, 15:158				4	5																21																							44							Negative Control
*15:25	1											12													25	26																	43						
*15:45				4	w																21																													
*15:62, 15:169				4	5																21																							43						
*15:63				4	5		7							14							21																								44					
*15:65				4	5											16					21																													
*15:67				4	w																21										31										41									
*15:85, 15:181				4	5																21											32																		
*15:102				4	5						11																																							
*15:113				4	5									14							21																													
*15:126				4	5																21							28																					
*15:144					5							12								20	21																													
*15:147				4	5																21		23																											
*15:154				4	5																21														35											46		
*15:221				4	5																21													34															
*16:01:17					5					10		12																																					
*16:02:13		2		4	5		7																				27																						
*16:04:01:01-16:04:01:03, 16:04:03-16:04:05, 16:29, 16:33, 16:42, 16:66, 16:78, 16:82, 16:109, 16:124, 16:149-16:150			3		5							12																																				
*16:14					5			8				12																																					
*16:15:02	1								9	10		12																																					
*16:36					5							12											23																										
*16:55			3		5							12																															43						
*16:61			3		5							12																28																					
*16:64	1					6						12																															43						
*16:71, 16:170					w							w																																					
*16:80					5							12		14																														44					
*16:81					5							12															27																						
*16:87					5	6						12																																					
*16:103, 16:143				4	5		7																				27																						
*16:119					5							12																	29																				
*17:01:01:02-17:01:08, 17:01:11-17:01:14, 17:02-17:10, 17:12-17:14, 17:16:01-17:16:02, 17:18-17:19, 17:21, 17:23-17:25, 17:28-17:31, 17:33-17:34, 17:36-17:39, 17:41-17:54	1			4			7		9							16					21																			40								
*17:01:09	1			4					9							16					21																			40								
*17:01:10	1			4			7		9							16					21																			40							47	
*17:01:15, 17:15	1			4			7									16					21																												
*17:01:16, 17:11, 17:26	1			4			7									16					21																			40								
*17:17	1			4			7		9							16																								40								
*17:20				4			7		9							16					21																			40								
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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
*17:22	1								9							16					21																													
*17:27N	w			4			7		9							16					21																			40								
*17:32, 17:35	1			4			7		9												21																			40								
*17:40				4			7									16					21																													
*18:09	1			4			7																																	40								
*A*02:211:01, A*02:594, A*02:817, A*03:267, A*24:261, A*24:445N, A*68:46, A*68:76:01-68:76:02, B*07:253*																																32																	
*A*02:335*																																32				36													
*A*02:605Q*																											27																						
*A*11:197, A*26:67, A*68:95*																															31																		
*A*25:55, B*07:15, B*07:160*	1																																						39										
*A*68:166, B*07:297, B*38:60, B*55:92*																		18																															
*B*07:13*	1								9																														39										
*B*14:51, B*53:34, B*58:21*																																					37												
*B*15:33, B*15:248*																														30																			
*B*15:181N, B*57:50*																													29																				
*B*15:436*												12		14	15																																		
*B*27:05:27*																	17								25																								
*B*35:01:54, B*35:08:10, B*35:12:03, B*44:03:24, B*51:01:79, B*53:01:06, B*58:01:33*																																										42						
*B*35:310*								8																																									
*B*40:02:21*																	w					w			25													38										
*B*42:18*																																							39										
*B*46:51Q*																													29		31																		
*B*56:08*																																									41								
*B*57:01:24*																	17																					38				42						
*B*67:02:01:01-67:02:01:02*	1								9			12		14																									39										
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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	