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	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	
HLA-A allele[1,2]																																																																		
***11:01:01**-11:01:20, 11:01:22-**11:01:43**, 11:01:45-11:01:56, 11:82-11:85, 11:87-11:88, 11:91:01-11:93, 11:95, 11:97, 11:103-11:104, 11:107, 11:114, 11:116, 11:119:01-11:119:02, 11:122-11:123, 11:125, **11:126,** 11:131-11:133, 11:136, 11:138, 11:141, 11:144-11:146, 11:148-11:153:02, 11:155, 11:160, 11:162, 11:164-11:167, 11:169[5]	1										11	12		14																																																				
*11:01:21, 11:01:44	1										11			14																																																			
***11:02:01**-11:02:06, 11:77, 11:113, 11:140, 11:176[5]		2									11	12		14																																																			
***11:03**	1		3								11	12		14																																																61				
***11:04,** 11:130	1			4							11			14																																																			
***11:05**	1				5						11	12		14																																																			
*11:06	1					6					11	12		14								22																																												
*11:07	1					6					11	12		14		16																																																		
***11:08**	1						7					12		14									23																																								62			
***11:09**	1							8			11	12		14																																																			
***11:10**	1									10	11	12		14															29																																					
*11:11	1										11	12	13	14																																																			
***11:12**	1										11	12			15																																																		
***11:13**, **11:54**[4]	1										11	12		14		16																																																	
*11:14		2									11	12		14			17																																																	
***11:15:01**	1										11	12		14				18																																															
*11:15:02	1										11	12		14														28																																						
*11:16		2									11	12		14																																				49														
*11:17											11	12								20	21						27																																						
*11:18						6					11	12										22																																												
***11:19,** 11:98											11	12									21																																													
***11:20**	1										11	12		14																																													62			
*11:21N	1										11	12		14										24																																									
*11:22	1					6					11	12		14																																																			
***11:23**	1											12		14																																			49														
***11:24:01**	1											12		14											25																																								
*11:24:02	1											12		14	15																																																	
*11:25	1											12		14	15								23																																				62			
*11:26	1													14		16										26																																	62			
*11:27	1			4					9		11			14													27																																					
***11:29**	1										11	12		14																30																																		
***11:30**	1										11	12		14																	31																																	
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	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	
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	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	
*11:31	1											12		14	15																	32									41																									Negative Control
***11:32**	1																															32																																	
*11:33:01-**11:33:02**	1		3								11	12		14																																																		
*11:34	1							8			11	12		14																																					50												
*11:35	1			4										14	15																	32									41								49													
*11:36, 11:173[4]	1										11	12		14																																										57						
***11:37**	1										11	12		14								22																																										

| | | |

| | | |

| | | |

| | | |

	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	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	
*03:21N	1			4											15									24																																									
*03:22:01-03:22:02	1		3	4											15																																																
*03:23:01-03:23:02	1			4											15																												43																				
*03:24	1			4											15														29																																		
*03:32				4							11																														41																						
*03:41				4											15						21																																										
*03:42	1		3	4											15																	32										41																						
*03:50, 03:66, 03:153	1			4			7								15																																															
*03:63, 03:88	1			4										14	15																																															
*03:65, 03:69N	1			4							11				15																																															
*03:78	1			4											15																																						52									
*03:87	1			4											15																31																																
*03:89				4											15																												43																				
*03:97, 03:122	1			4											15												27																																				
*03:113	1			4							11				w																										41																						
*03:123:01	1			4											15																																		49													
*03:123:02	1			4											15								23																										49													
*03:135	1		3				7					12			15	w											27																													56					61			
*03:154	1			4											15																	32																															
*03:167	1			4							11				15												27																																				
*03:171	1			4											15																	32								40	41									49													
*03:174	1			4											15																					36																									
*03:182	1			4											15																																							53								
*23:07N, 24:11N																								24																																								
*23:10, 24:46																w																																															
*24:10:01-24:10:02, 24:210, 31:24																16																																													62		
*24:19, *C*03:82*	1																																																													
*24:24, 29:01:01:01-29:03, 29:05-29:18, 29:21-29:29, 29:31-29:33, 29:35-29:47, 29:49-29:58, 30:52, 30:72, 32:17, 68:36, 68:46, 68:84															15																																															
*24:44, 24:109, 24:260																					w																																										
*24:59									9																																																						
*24:92				4							11																27														41																						
*24:177, *B*15:173, B*50:11, C*12:74*																																																												61			
*24:249																																																							55							
*25:01:01-25:01:07, 25:03-25:05, 25:07, 25:09, 25:12N, 25:14, 25:16, 25:19-25:21, 25:23-25:24, 26:01:30, 26:05, 26:16, 26:20, 26:57										10											21																																									62		
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**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**57**	**58**	**59**	**60**	**61**	**62**	**63**	**64**	
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**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**57**	**58**	**59**	**60**	**61**	**62**	**63**	**64**	
*25:02										10				14																																																62		
*25:06, 25:08, 25:18, 25:22										10											21																																											
*25:10										10						16					21																																									62		
*25:11						6				10											21																																									62		
*25:13																																																													62		
*25:15, 25:17										10																																																			62		

Negative Control

| | | |

	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	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	
*30:18, 30:55	1		3	4											15		17																																																Negative Control
*30:35, 30:54				4											15		17																																															
*30:39			3	4											15		17	18																																														
*30:51			3	4											15		17															32																															
*30:75			3	4											15		17										27																																					
*31:03			3	4						10					15						21										31	32									41																						
*31:65, *B*44:36*																																				36																											
*33:13										10											21					26					31																																
*33:49			3	4											15														29			32									41																					
*33:61																16													29																															62		
*34:01:01-34:01:02, 34:05, 34:11	1									10				w															29																																
*34:02:01, 34:02:03, 34:04, 34:08, 34:10N	1		w	4						10				14	15														29																																
*34:02:02	1		w	4						10				14											25				29																																
*34:03	1		3	4						10				14	15														29																																
*34:06, 66:01:02, 66:06-66:07, 66:10, 66:18, 69:02	1									10				14															29																																
*34:07	1		w	4						10					15														29																																
*34:09	1		w	4											15														29																																
*36:01-36:02, 36:05				4			7														21																																									
*43:01													13							20	21																																							62		
*66:01:01, 66:04, 66:09, 66:14, 66:19	1									10				14															29																															62		
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**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**57**	**58**	**59**	**60**	**61**	**62**	**63**	**64**	
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**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**57**	**58**	**59**	**60**	**61**	**62**	**63**	**64**	
*66:02, 66:16, 68:01:01:01-68:01:17, 68:01:19-68:02:05, 68:06-68:09, 68:11N-68:12, 68:16-68:19, 68:21:01-68:23, 68:25-68:29, 68:32-68:35, 68:37-68:39, 68:41, 68:43-68:45, 68:47-68:53, 68:55-68:56, 68:58-68:60, 68:62, 68:64-68:65, 68:67-68:71, 68:73-68:74, 68:76-68:83, 68:86-68:89, 68:91, 68:94N-68:96, 68:98-68:102, 68:104-68:107, 69:01	1														15														29																																
*66:05, 66:15										10											21								29																															62		
*66:08	1				5					10				14															29																															62		
*66:11										10				14																30																															62		
*66:12	1														15														29																															62		
*66:13	1									10				14															29									38																				58			62		
*66:17	1									10				14															29																								52								62		
*68:01:18, 68:24, 68:40, 68:72, 68:85, 68:93, 68:97	1																												29																																
*68:15																						22							29																																
*68:30, 68:75:01-68:75:02	1														15																												43																		
*68:42, 68:54	1														15								w						29																																
*68:57, 68:92															15														29																																
*68:61	1														15								w						29																															62		
*68:63	1														15								23						29																																
*68:103	1			4			7								15														29			32								40	41								49														
*80:01:01:01-80:02																	17				21				25		27																											55								

| | | |