INTERPRETATION TABLE

HLA-A*11 SSP subtyping

Amplification patterns of the A*11:01 to A*11:112 alleles

	Well[13]																															
	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
Length of spec.	195	270	190	235	180	195	215	100	85	120	215	235	195	100	100	95	205	235	175	175	100	150	80	295	220	305	210	240	80	235	230	205
PCR product(s)					210	550				280					215	205			265	240		230				370	260	280		270	285	295
Length of int. pos control[1]	800	1070	1070	1070	800	1070	1070	800	800	1070	800	1070	800	1070	800	1070	1070	1070	1070	800	1070	1070	800	1070	1070	1070	1070	800	1070	1070	800	1070
5'-primer(s)[2]	127	28	363	363	363	292	363	553	527	97	363	363	102	282	282	391	363	97	103	103	282	103	489	341	97	341	103	103	261	103	97	363
	5'-ggg 3'	5'-TCC 3'	5'-ATA 3'	5'-ATA 3'	5'-ATA 3'	5'-CTC 3'	5'-ATA 3'	5'-TgC 3'	5'-TgC 3'	5'-TCA 3'	5'-ATA 3'	5'-ATA 3'	5'-ACC 3'	5'-CAg 3'	5'-CAg 3'	5'-ACA 3'	5'-ATA 3'	5'-TCC 3'	5'-CCT 3'	5'-CCT 3'	5'-CAC 3'	5'-CCT 3'	5'-gCA 3'	5'-ggA 3'	5'-TCC 3'	5'-ggA 3'	5'-CCT 3'	5'-CCA 3'	5'-AAC 3'	5'-CCT 3'	5'-TCA 3'	5'-ATA 3'
					831	399		565		103					363	399		363		368				3rd I	363		363	151		363	151	
					5'-gAg 3'	5'-TTA 3'		5'-gCA 3'		5'-CCA 3'					5'-ATA 3'	5'-TTA 3'		5'-ATA 3'		5'-gTg 3'				5'-ATA 3'	5'-ATA 3'		5'-ATA 3'	5'-gCC 3'		5'-ATA 3'	5'-gCC 3'	
						413				261						503												363			363	
						5'-CCC 3'				5'-AAC 3'						5'-CAg 3'												5'-ATA 3'			5'-ATA 3'	
3'-primer(s)[3]	282	127	502	559	502	559	539	616	570	341	539	559	257	341	341	559	526	282	236	236	341	214	527	353	282	362	271	341	299	299	341	527
	5'-gAC 3'	5'-CTT 3'	5'-CTg 3'	5'-CgT 3'	5'-CTC 3'	5'-CCg 3'	5'-TCC 3'	5'-CgT 3'	5'-CCg 3'	5'-CgT 3'	5'-TCT 3'	5'-CCg 3'	5'-gCA 3'	5'-CgT 3'	5'-Cgg 3'	5'-CCg 3'	5'-CCg 3'	5'-gAC 3'	5'-CCA 3'	5'-CCA 3'	5'-CgT 3'	5'-CCA 3'	5'-CCT 3'	5'-TgA 3'	5'-gAC 3'	5'-TCA 3'	5'-CAT 3'	5'-CgT 3'	5'-CCA 3'	5'-CCg 3'	5'-CgT 3'	5'-CCA 3'
	282		524	559	899							559			538		526	565	329	299		292	527	621	538	430	330	565		330	605	616
	5'-gAC 3'		5'-CAC 3'	5'-CgT 3'	5'-ACg 3'							5'-CCg 3'			5'-CAA 3'		5'-CCA 3'	5'-CAg 3'	5'-ggC 3'	5'-TCg 3'		5'-gTg 3'	5'-CCT 3'	5'-ggg 3'	5'-CAg 3'	5'-gCg 3'	5'-TgC 3'	5'-CAA 3'		5'-TgC 3'	5'-gCA 3'	5'-CgC 3'
																				570			527				570			587		
																				5'-CAC 3'			5'-CCT 3'				5'-CCg 3'			5'-CCT 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	25	26	27	28	29	30	31	32
HLA-A allele[4,5]																																
***11:01:01-**11:01:20, 11:01:22-11:01:35, 11:82-11:85, 11:87-11:88, 11:91-11:93, 11:95, 11:97, 11:103-11:105, 11:107, 11:112	1										11	12		14																		
*11:01:21	1										11			14																		
***11:02:01-**11:02:03, 11:77[14]		2									11	12		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
Length of spec.	195	270	190	235	180	195	215	100	85	120	215	235	195	100	100	95	205	235	175	175	100	150	80	295	220	305	210	240	80	235	230	205
PCR product(s)					210	550				280					215	205			265	240		230				370	260	280		270	285	295

HLA-A allele[4,5]																																
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**
***11:03**	**1**		**3**								**11**	**12**		**14**									**23**									
***11:04**	**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**									
***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[6]	**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**																		
***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**									**23**									
*11:21N	**1**										**11**	**12**		**14**										**24**								
*11:22	**1**					**6**					**11**	**12**		**14**																		
***11:23**	**1**											**12**		**14**																		
***11:24:01**	**1**											**12**		**14**											**25**							
*11:24:02	**1**											**12**		**14**	**15**																	
*11:25	**1**											**12**		**14**	**15**								**23**									
*11:26	**1**													**14**												**26**						
*11:27	**1**			**4**					**9**		**11**			**14**													**27**					
***11:29**	**1**										**11**	**12**		**14**																**30**		
***11:30**	**1**										**11**	**12**		**14**																	**31**	
*11:31	**1**											**12**		**14**	**15**																	**32**
***11:32**	**1**										**11**	**12**		**14**																		**32**
*11:33:01-**11:33:02**	**1**		**3**								**11**	**12**		**14**																		
*11:34	**1**							**8**			**11**	**12**		**14**																		
*11:35	**1**			**4**										**14**	**15**																	**32**
*11:36	**1**										**11**	**12**		**14**						**20**												
***11:37**	**1**										**11**	**12**		**14**								**22**										
*11:38		**2**							**9**		**11**	**12**		**14**													**27**					
*11:39	**1**								**9**		**11**	**12**		**14**													**27**					
*11:40											**11**	**12**								**20**	**21**											
*11:41	**1**										**11**	**12**		**14**												**26**						
*11:42	**1**										**11**	**12**		**14**					**19**	**20**												
*11:43	**1**									**10**	**11**	**12**		**14**																	**31**	
***11:44**	**1**						**7**					**12**		**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**
Length of spec.	**195**	**270**	**190**	**235**	**180**	**195**	**215**	**100**	**85**	**120**	**215**	**235**	**195**	**100**	**100**	**95**	**205**	**235**	**175**	**175**	**100**	**150**	**80**	**295**	**220**	**305**	**210**	**240**	**80**	**235**	**230**	**205**
PCR product(s)					**210**	**550**				**280**					**215**	**205**			**265**	**240**		**230**				**370**	**260**	**280**		**270**	**285**	**295**
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**
***11:45**											**11**	**12**		**14**																**30**		
***11:46**	**1**										**11**	**12**		**14**					**19**													

***11:47**	1										11	12		14				18							25							
***11:48**	1													14										24								
*11:49	1										11	12		14														28			31	
*11:50Q	1						7							14			17															32
*11:51	1										11	12		14																		
*11:52Q	1										11	12		14																		
*11:55	1										11	12		14													27			30		
***11:56**	1										11	12		14																		
*11:57		2									11	12		14																		
***11:58, 11:67**[7]	1										11	12		14																		
*11:59	1										11	12		14																		
***11:60**	1										11	12		14																		
*11:61	1										11	12		w																		
*11:62, 11:68[8]	1										11	12		14																		
***11:63, 11:69N**[9]	1										11	12		14																		
*11:64, 11:65[10]	1										11	12		14																		
*11:66, 11:72[11]	1										11	12		14																		
*11:70	1										11	12		14																		
***11:71**											11	12		14																		
***11:73**	1										11	12		14																		
***11:74**	1										11	12		14																		
*11:75	1										11	12		14																		
*11:76	1										11	12		14																		
***11:78N**											11	12		14																		
*11:79	1										11	12		14																		
*11:80	1										11	12		14																		
***11:81,** 11:108[12]	1										11	12		14																		
***11:86**	1										11	12		14																		
***11:89**	1										11	12		14																		
***11:90**	1										11			14																		
*11:94	1						7		9			12		14													27					
*11:96	1										11	12																				
*11:99N	1										11	12		14																		
*11:100	1										11	12		14																		
*11:101		2												14																		
*11:102	1										11	12		14																		
***11:106**											11	12																				
*11:109N	1										11	12		14																		
*11:110		2			5						11	12		14																		
*11:111											11	12		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
Length of spec.	195	270	190	235	180	195	215	100	85	120	215	235	195	100	100	95	205	235	175	175	100	150	80	295	220	305	210	240	80	235	230	205
PCR product(s)					210	550				280					215	205			265	240		230				370	260	280		270	285	295
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

*01:01:01:01-01:01:22, 01:01:24-01:01:27, 01:01:29-01:02, 01:09, 01:11N, 01:16N, 01:18N, 01:22N-01:24, 01:27N-01:33, 01:35-01:40, 01:42, 01:44, 01:46-01:50, 01:52N-01:55, 01:57N-01:60, 01:62, 01:64, 01:67-01:70, 01:74-01:78, 01:80-01:82, 01:84-01:88, 01:90-01:99, 01:103							7					12									21						27					
*01:01:23, 01:08, 01:15N							7														21						27					
*01:01:28, 01:07, 01:71, 01:100							7					12															27					
*01:03, 36:03, 74:10																					21					26						
*01:04N							7					12									21			24			27					
*01:06												12			15						21						27					
*01:10							7					12					17				21						27					
*01:12, 01:19				4							11										21						27					
*01:13	1						7					12		14													27					
*01:14				4			7														21						27					
*01:17							7					12		14													27					
*01:20, 01:63, 01:66, 01:73, 01:89																					21											
*01:21							7					12									21						27					32
*01:25											w	12									21						27					
*01:26							7		9			12									21						27					
*01:41																					21			24								
*01:43							7					12								20	21						27					
*01:45							7					12									21						27					
*01:51							7			10		12									21						27					
*01:56N							7					12									21						27					
*01:61			3				7					12									21						27					
*01:65												12									21						27					
*01:72, 01:102, 36:04							7					12									21											
*01:79, 01:104						w	7					12									21						27					
*01:83							7					12									21						27					
*01:101							7					12									21						27				31	
*02:03:01-02:03:04, 02:148, 02:253, 02:258, 02:264, 02:281																							w									
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**
Length of spec.	195	270	190	235	180	195	215	100	85	120	215	235	195	100	100	95	205	235	175	175	100	150	80	295	220	305	210	240	80	235	230	205
PCR product(s)					210	550				280					215	205			265	240		230				370	260	280		270	285	295
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**

*02:05:01-02:06:04, 02:06:06-02:06:10, 02:08, 02:10, 02:14, 02:21, 02:28, 02:41, 02:44, 02:51, 02:54, 02:57, 02:61, 02:72, 02:79:01-02:79:02, 02:84, 02:91, 02:106, 02:108, 02:122, 02:126-02:127, 02:137, 02:142-02:144, 02:169-02:170, 02:172, 02:178-02:180, 02:229, 02:232, 02:244, 02:248, 02:259, 02:271, 02:278, 02:286, 02:290, 02:295, 02:300, 02:310, 02:324, 02:328, 02:330, 02:333																							**22**									
*02:13, 02:26, 02:171:01-02:171:02																								**23**								
*02:34-02:35:03	**1**														**w**																	
*02:38						**6**																		**23**								
*02:55, 33:01:01-33:01:06, 33:03:01-33:07, 33:10-33:12, 33:14-33:16, 33:18-33:20, 33:22-33:47, 33:50-33:52, 33:54, 66:03, 68:03:01-68:05, 68:20, 68:31																													**29**			
*02:56:01-02:56:02, 02:62, 02:78, 02:103, 03:01:30, 03:40, 03:75, 03:95, 03:98, 03:105, 68:10, 68:13-68:14, 68:66, 74:13	**1**														**15**																	
*02:65, 02:80, 02:114, 02:152, 02:246, 02:279, 02:298, 02:304, 33:08-33:09, 74:04, *B*57:04, B*57:32*																																
*02:99																							**22**	**23**								
*02:101:01, 02:135						**6**																										
*02:117																								**w**								
*02:154						**6**																	**22**									
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**

Length of spec.	195	270	190	235	180	195	215	100	85	120	215	235	195	100	100	95	205	235	175	175	100	150	80	295	20	305	210	240	80	235	230	205
PCR product(s)					210	550				280					215	205			265	240		230				370	260	280		270	285	295
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**
*02:156				**4**											**15**																	**32**
*02:294					**5**																											
*03:01:01:01-03:01:01:03, 03:01:03-03:01:08, 03:01:10-03:01:22, 03:01:24-03:01:29, 03:01:31, 03:03N-03:06, 03:09, 03:11N-03:17, 03:19-03:20, 03:25-03:30, 03:33-03:35, 03:37-03:39, 03:43-03:49, 03:51-03:56, 03:58-03:62, 03:64, 03:67-03:68N, 03:70-03:72, 03:74, 03:77, 03:79-03:81, 03:83-03:86, 03:91N-03:94, 03:96, 03:99-03:104, 03:109-03:110, 03:112, 03:114-03:121, 03:124-03:132	**1**			**4**											**15**																	
*03:01:02	**1**			**4**											**15**										**25**							
*03:01:09, 03:01:23, 03:08, 03:36N, 03:57, 03:107-03:108, 03:111, 32:04				**4**											**15**																	
*03:02:01-03:02:03, 03:10, 03:31, 03:73, 03:76, 03:82, 03:90, 03:106	**1**			**4**							**11**				**15**																	
*03:07, 03:133	**1**			**4**											**15**																	**32**
*03:18	**1**						**7**					**12**			**15**												**27**					
*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**																	
*03:24	**1**			**4**											**15**														**29**			
*03:32				**4**							**11**																					
*03:41				**4**											**15**						**21**											
*03:42	**1**		**3**	**4**											**15**																	**32**
*03:50, 03:66	**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**																	
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**
Length of spec.	195	270	190	235	180	195	215	100	85	120	215	235	195	100	100	95	205	235	175	175	100	150	80	295	20	305	210	240	80	235	230	205
PCR product(s)					210	550				280					215	205			265	240		230				370	260	280		270	285	295
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**
*03:87	**1**			**4**											**15**																**31**	

*03:89				4											15																	
*03:97, 03:122	1			4											15												27					
*03:113	1			4							11				w																	
*03:123	1			4											15																	
*03:135	1		3				7					12			15												27					
*23:07N, 24:11N																								24								
*24:19, *C*03:82*	1																															
*24:24, 29:01:01:01-29:03, 29:05-29:18, 29:21-29:29, 29:31-29:32, 30:52, 32:17, 68:36, 68:46, 68:84															15																	
*24:44, 24:109																					w											
*24:59									9																							
*24:92				4							11																27					
*25:01:01-25:01:05, 25:03-25:10, 25:12N, 25:14, 25:16, 26:05, 26:16, 26:20, 26:57										10											21											
*25:02										10				14																		
*25:11						6				10											21											
*25:15, *B*07:102, B*08:18, B*35:178, B*73:01-73:02*										10																						
*26:01:01-26:01:21, 26:02, 26:04, 26:08-26:12, 26:14-26:15, 26:17-26:18, 26:22-26:29, 26:34, 26:37-26:43:02, 26:45-26:56, 26:58-26:61, 26:63, 26:66-26:69, 26:71N										10									20	21												
*26:01:22, 26:64										10									20													
*26:03:01-26:03:02, 26:06, 26:21						6				10										21	22								29			
*26:07:01-26:07:02, 26:31																			20	21												
*26:13, 26:33										10				14					20													
*26:19														14					20													
*26:30						6															22								29			
*26:32, 26:70										10									20	21					26							
*26:35										10										21								28				
*26:36						6				10									20	21												
*26:62										10									20	21							27					
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**
Length of spec.	195	270	190	235	180	195	215	100	85	120	215	235	195	100	100	95	205	235	175	175	100	150	80	295	220	305	210	240	80	235	230	205
PCR product(s)					210	550				280					215	205			265	240		230				370	260	280		270	285	295
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**
*26:65																				20												
*26:72																				20	21						27					
*29:04															w																	

*30:01:01-30:02:04, 30:03, 30:07-30:08, 30:10-30:13, 30:15-30:16, 30:19-30:20, 30:22, 30:24-30:26, 30:30-30:34, 30:36-30:38, 30:40-30:42, 30:44-30:45, 30:48-30:50, 30:53, 30:56-30:58			3	4											15		17															
*30:02:05			3	4													17								25							
*30:04:01-30:04:02, 30:06, 30:29, 30:46			3	4			7																									32
*30:09, 31:04			3	4											15																	32
*30:14L, 30:43			3												15		17															
*30:17			3	4			7								15																	32
*30:18, 30:55	1		3	4											15		17															
*30:23, 30:27N			3	4											15																	
*30:35, 30:54				4											15		17															
*30:39			3	4											15		17	18														
*30:51			3	4											15		17															32
*31:03			3	4						10					15						21										31	32
*33:13										10											21					26					31	
*33:49			3	4											15														29			32
*34:01:01-34:01:02, 34:05	1									10				w															29			
*34:02:01, 34:04, 34:08	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, 66:04, 66:06-66:07, 66:09-66:10, 66:13-66:14	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											
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**
Length of spec.	195	270	190	235	180	195	215	100	85	120	215	235	195	100	100	95	205	235	175	175	100	150	80	295	220	305	210	240	80	235	230	205
PCR product(s)					210	550				280					215	205			265	240		230				370	260	280		270	285	295
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**
*66:02, 66:12, 66:16, 68:01:01:01-68:02:04, 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, 69:01	1														15														29			
*66:05, 66:15										10											21								29			

*66:08	**1**				**5**					**10**				**14**															**29**			
*66:11										**10**				**14**																**30**		
*68:15																						**22**							**29**			
*68:24, 68:40, 68:72, 68:85	**1**																												**29**			
*68:30, 68:75	**1**														**15**																	
*68:42, 68:54, 68:61	**1**														**15**								**w**						**29**			
*68:57															**15**														**29**			
*68:63	**1**														**15**								**23**						**29**			
*80:01-80:02																	**17**				**21**				**25**		**27**					
*B*07:117*																																
*B*44:36*																																
HLA-A allele[4,5]																																
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**

INTERPRETATION TABLE

HLA-A*11 SSP subtyping

Amplification patterns of the A*11:01 to A*11:112 alleles

Well[13]																								
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	
110	85	105	65	105	120	280	90	205	175	445	145	210	120	55	200	185	90	265	230	195	190	120	230	Length of spec.
280	180	290	380	290	225		185		560		215					220	310		545		265	235		PCR product(s)
305	265																							
1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	800	1070	1070	1070	1070	800	800	1070	1070	1070	1070	1070	1070	Length of int. pos control[1]
77	103	363	322	363	103	101	363	363	103	257	98	112	460	527	125	363	565	28	428	650	116	363	154	5'-primer(s)[2]
5' -CTA 3'	5' -CCT 3'	5' -ATA 3'	5' -gCC 3'	5' -ATA 3'	5' -CCT 3'	5' -CAT 3'	5' -ATA 3'	5' -ATA 3'	5' -CCT 3'	5' -Cgg 3'	5' -CTA 3'	5' -CCT 3'	5' -ACg 3'	5' -TgC 3'	5' -CgC 3'	5' -ATA 3'	5' -gCA 3'	5' -TCC 3'	5' -CgC 3'	5' -CCC 3'	5' -gCT 3'	5' -ATA 3'	5' -A.g 3'	
101			395			107			3rd I	874	511						733		3rd I		363	650		
5' -CAT 3'			5' -gCT 3'			5' -.gT 3'			5' -ATA 3'	5' -CCg 3'	5' -AgA 3'						5' -ATA 3'		5' -ATA 3'		5' -ATA 3'	5' -CCC 3'		
272																								
5' -TgC 3'																								
341	146	427	418	427	181	341	412	527	235	418	270	282	539	539	282	497	616	122	616	806	341	559	341	3'-primer(s)[3]
5' -CgT 3'	5' -CCg 3'	5' -gTg 3'	5' -gTC 3'	5' -gTA 3'	5' -gTT 3'	5' -CgT 3'	5' -CCC 3'	5' -CCA 3'	5' -CTg 3'	5' -gTC 3'	5' -ACT 3'	5' -gAC 3'	5' -TCT 3'	5' -TCC 3'	5' -gAC 3'	5' -Tgg 3'	5' -CgT 3'	5' -Cgg 3'	5' -CgT 3'	5' -CCA 3'	5' -CgT 3'	5' -CTC 3'	5' -CgT 3'	
	242	614		613	285		506		723	899	616					513	899		704		513	727		
	5' -CCC 3'	5' -TgT 3'		5' -gCA 3'	5' -T.. 3'		5' -TgT 3'		5' -TgT 3'	5' -ACA 3'	5' -CgT 3'					5' -TCT 3'	5' -ACA 3'		5' -CCA 3'		5' -TCT 3'	5' -CCA 3'		
	329															542								
	5' -ggC 3'															5' -CTg 3'								
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	Well No.
																								HLA-A allele[4,5]
																								***11:01:01-**11:01:20, 11:01:22-11:01:35, 11:82-11:85, 11:87-11:88, 11:91-11:93, 11:95, 11:97, 11:103-11:105, 11:107, 11:112
																								*11:01:21
																								***11:02:01-**11:02:03, 11:77[14]
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	Well No.
110	85	105	65	105	120	280	90	205	175	445	145	210	120	55	200	185	90	265	230	195	190	120	230	Length of spec.
280	180	290	380	290	225		185		560		215					220	310		545		265	235		PCR product(s)

305	265																							
																								HLA-A allele[4,5]
33	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**Well No.**
																								***11:03**
																								***11:04**
																								***11:05**
																								*11:06
																								*11:07
																								***11:08**
																								***11:09**
																								***11:10**
																								*11:11
																								***11:12**
																								***11:13,** 11:54[6]
																								*11:14
																								***11:15:01**
																								*11:15:02
																49								*11:16
																								***11:17**
																								*11:18
																								***11:19,** 11:98
																								***11:20**
																								*11:21N
																								*11:22
																49								***11:23**
																								***11:24:01**
																								*11:24:02
																								*11:25
																								*11:26
																								*11:27
																								***11:29**
																								***11:30**
								41																*11:31
																								***11:32**
																								*11:33:01-**11:33:02**
																	50							*11:34
								41								**49**								*11:35
																								*11:36
																								***11:37**
																								*11:38
																								*11:39
																								*11:40
																								*11:41
																								*11:42
																								*11:43
														47										***11:44**
33	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**Well No.**
110	**85**	**105**	**65**	**105**	**120**	**280**	**90**	**205**	**175**	**445**	**145**	**210**	**120**	**55**	**200**	**185**	**90**	**265**	**230**	**195**	**190**	**120**	**230**	**Length of spec.**
280	**180**	**290**	**380**	**290**	**225**		**185**		**560**		**215**					**220**	**310**		**545**		**265**	**235**		**PCR product(s)**
305	**265**																							
33	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**Well No.**
																								***11:45**
	34																							***11:46**

																								***11:47**
																								***11:48**
																								*11:49
																								*11:50Q
																		51						*11:51
						39																		*11:52Q
																								*11:55
33																								***11:56**
								40									**49**							*11:57
	34																							***11:58, 11:67**[7]
								40																*11:59
									41															***11:60**
33																								*11:61
		35																						*11:62, 11:68[8]
										42														***11:63, 11:69N**[9]
			36																					*11:64, 11:65[10]
				37																				*11:66, 11:72[11]
											43													*11:70
															48									***11:71**
																	49							***11:73**
33						**39**																		***11:74**
					38																			*11:75
												44												*11:76
					38																			***11:78N**
													45											*11:79
														46										*11:80
																				52				***11:81,** 11:108[12]
																		50						***11:86**
																						54		***11:89**
																							55	***11:90**
																								*11:94
																								*11:96
																							56	*11:99N
																					53			*11:100
																								*11:101
																							55	*11:102
												44												***11:106**
																	49					**54**		*11:109N
																								*11:110
																								*11:111
33	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**Well No.**
110	**85**	**105**	**65**	**105**	**120**	**280**	**90**	**205**	**175**	**445**	**145**	**210**	**120**	**55**	**200**	**185**	**90**	**265**	**230**	**195**	**190**	**120**	**230**	**Length of spec.**
280	**180**	**290**	**380**	**290**	**225**		**185**		**560**		**215**					**220**	**310**		**545**		**265**	**235**		**PCR product(s)**
305	**265**																							
33	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**Well No.**

																								*01:01:01:01-01:01:22, 01:01:24-01:01:27, 01:01:29-01:02, 01:09, 01:11N, 01:16N, 01:18N, 01:22N-01:24, 01:27N-01:33, 01:35-01:40, 01:42, 01:44, 01:46-01:50, 01:52N-01:55, 01:57N-01:60, 01:62, 01:64, 01:67-01:70, 01:74-01:78, 01:80-01:82, 01:84-01:88, 01:90-01:99, 01:103
																								*01:01:23, 01:08, 01:15N
																								*01:01:28, 01:07, 01:71, 01:100
																								*01:03, 36:03, 74:10
																								*01:04N
																								*01:06
																								*01:10
									41															*01:12, 01:19
																								*01:13
																								*01:14
																								*01:17
																								*01:20, 01:63, 01:66, 01:73, 01:89
									41															*01:21
																								*01:25
																								*01:26
																								*01:41
																								*01:43
																				52				*01:45
																								*01:51
										42														*01:56N
																								*01:61
																								*01:65
																								*01:72, 01:102, 36:04
																								*01:79, 01:104
											43													*01:83
																								*01:101
																								*02:03:01-02:03:04, 02:148, 02:253, 02:258, 02:264, 02:281
33	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**Well No.**
110	**85**	**105**	**65**	**105**	**120**	**280**	**90**	**205**	**175**	**445**	**145**	**210**	**120**	**55**	**200**	**185**	**90**	**265**	**230**	**195**	**190**	**120**	**230**	**Length of spec.**
280	**180**	**290**	**380**	**290**	**225**		**185**		**560**		**215**					**220**	**310**		**545**		**265**	**235**		**PCR product(s)**
305	**265**																							
33	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**Well No.**

33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	Well No.
																								*02:05:01-02:06:04, 02:06:06-02:06:10, 02:08, 02:10, 02:14, 02:21, 02:28, 02:41, 02:44, 02:51, 02:54, 02:57, 02:61, 02:72, 02:79:01-02:79:02, 02:84, 02:91, 02:106, 02:108, 02:122, 02:126-02:127, 02:137, 02:142-02:144, 02:169-02:170, 02:172, 02:178-02:180, 02:229, 02:232, 02:244, 02:248, 02:259, 02:271, 02:278, 02:286, 02:290, 02:295, 02:300, 02:310, 02:324, 02:328, 02:330, 02:333
																								*02:13, 02:26, 02:171:01-02:171:02
																								*02:34-02:35:03
																								*02:38
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110	85	105	65	105	120	280	90	205	175	445	145	210	120	55	200	185	90	265	230	195	190	120	230	**Length of spec.**
280	180	290	380	290	225		185		560		215					220	310		545		265	235		**PCR product(s)**
305	265																							
33	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**Well No.**
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110	85	105	65	105	120	280	90	205	175	445	145	210	120	55	200	185	90	265	230	195	190	120	230	**Length of spec.**
280	180	290	380	290	225		185		560		215					220	310		545		265	235		**PCR product(s)**
305	265																							
33	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**Well No.**
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110	**85**	**105**	**65**	**105**	**120**	**280**	**90**	**205**	**175**	**445**	**145**	**210**	**120**	**55**	**200**	**185**	**90**	**265**	**230**	**195**	**190**	**120**	**230**	**Length of spec.**
280	**180**	**290**	**380**	**290**	**225**		**185**		**560**		**215**					**220**	**310**		**545**		**265**	**235**		**PCR product(s)**
305	**265**																							
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110	**85**	**105**	**65**	**105**	**120**	**280**	**90**	**205**	**175**	**445**	**145**	**210**	**120**	**55**	**200**	**185**	**90**	**265**	**230**	**195**	**190**	**120**	**230**	**Length of spec.**
280	**180**	**290**	**380**	**290**	**225**		**185**		**560**		**215**					**220**	**310**		**545**		**265**	**235**		**PCR product(s)**
305	**265**																							
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