INTERPRETATION TABLE

HLA-A low resolution SSP typing

Amplification patterns of the A*01:01 to A*80:03 alleles

		Well[12]																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Length of spec.		120	175	205	190	135	175	165	75	80	80	125	175	80	90	240	140	200	340	210	65	75
PCR product(s)		145	215	235		200	205	200		240	175	190	225	115	135	380	180	390	375	240	240	160
		225	255								500			200	205						375	240
			365											240								495
			415											460								
Length of int.		800	800	1070	800	800	1070	800	800	800	1070	800	1070	1070	1070	1070	1070	1070	800	800	800	800
pos. control[1]																						
5'-primer(s)[2]		98	48	363	98	176	98	98	261	98	301	103	98	98	203	41	180	41	302	78	28	176
		5'-CTT 3'	5'-gCT 3'	5'-ATA 3'	5'-CTA 3'	5'-gCA 3'	5'-CTC 3'	5'-CTA 3'	5'-AAC 3'	5'-CTA 3'	5'-Cgg 3'	5'-CCT 3'	5'-CTT 3'	5'-CAC 3'	5'-gAA 3'	5'-CTT 3'	5'-TTT 3'	5'-CTT 3'	5'-ggA 3'	5'-TCT 3'	5'-TCg 3'	5'-gCA 3'
		103	78		413	368	368	102	266	261	302	415	423	219	362	355	203	98	341	106	261	261
		5'-CCT 3'	5'-TCT 3'		5'-CCg 3'	5'-gTT 3'	5'-gTT 3'	5'-ACA 3'	5'-ACg 3'	5'-AAC 3'	5'-ggA 3'	5'-ggT 3'	5'-gCT 3'	5'-gCA 3'	5'-ggT 3'	5'-CCg 3'	5'-gAA 3'	5'-CAC 3'	5'-ggA 3'	5'-CCA 3'	5'-AAC 3'	5'-AAC 3'
		123	106					413			385	423		238	363		418			2nd I	502	341
		5'-AgT 3'	5'-CCA 3'					5'-CCg 3'			5'-ggC 3'	5'-gCT 3'		5'-AgA 3'	5'-ATA 3'		5'-AgC 3'			5'-CCT 3'	5'-CCC 3'	5'-ggA 3'
		363												355	363							355
		5'-ATA 3'												5'-CCg 3'	5'-ATA 3'							5'-CCC 3'
															363							
															5'-ATA 3'							
															369							
															5'-TAC 3'							
3'-primer(s)[3]		203	240	527	256	270	259	259	302	299	341	257	282	180	299	238	290	256	397	265	97	292
		5'-TCT 3'	5'-ggA 3'	5'-CCA 3'	5'-CTg 3'	5'-ACA 3'	5'-gTT 3'	5'-gTT 3'	5'-ggC 3'	5'-TCg 3'	5'-CgT 3'	5'-gCA 3'	5'-gAC 3'	5'-TCA 3'	5'-CCA 3'	5'-CCT 3'	5'-CAA 3'	5'-CCC 3'	5'-gAg 3'	5'-CCC 3'	5'-ggT 3'	5'-gTg 3'
		545	292	527	559	521	502	259			521	506	282	257	411	238	317	256		282	355	292
		5'-AgA 3'	5'-gTg 3'	5'-CCT 3'	5'-CCg 3'	5'-ggg 3'	5'-CTT 3'	5'-gTT 3'			5'-ggg 3'	5'-TgT 3'	5'-gAC 3'	5'-gCA 3'	5'-TCA 3'	5'-CCT 3'	5'-ggA 3'	5'-CTC 3'		5'-gAC 3'	5'-gAC 3'	5'-gTT 3'
				527		534	539	538				559	559	418	526	243	555	259		282	524	299
				5'-CCT 3'		5'-CgT 3'	5'-TCT 3'	5'-CCA 3'				5'-CTC 3'	5'-CCC 3'	5'-gTC 3'	5'-CCA 3'	5'-TCA 3'	5'-CCA 3'	5'-gTT 3'		5'-gAC 3'	5'-CAT 3'	5'-TCT 3'
				555								559	559	555		265				502		555
				5'-CCA 3'								5'-CgT 3'	5'-CCg 3'	5'-CCA 3'		5'-CCC 3'				5'-CTT 3'		5'-CCA 3'
				555								559				555				506		

				5' -gCA 3'								5' -CgC 3'				5' -CCA 3'				5' -TgT 3'		
Well No.		**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**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**
HLA-A allele[4]	**ser[5]**																					
***01:01:01:01-01:01:22, 01:01:24-01:01:47, 01:01:49-01:01:55, 01:02-01:04N, 01:06-01:07, 01:09-01:11N, 01:16N-01:18N, 01:20, 01:22N-01:27N, 01:29, 01:31N-01:33, 01:35-01:42, 01:44-01:50, 01:52N-01:78, 01:80-01:94, 01:96-01:98, 01:100-01:120, 01:122-01:125, 01:127-01:130, 36:04[6]**	**A1, A36, Null, -**	**1**			**4**																	
***01:01:23, 01:01:48, 01:08, 01:14-01:15N, 01:30, 01:79, 01:99, 36:01, 36:03, 36:05[6]**	**A1, A36, Null, -**	**1**																				
***01:01:56**	**-**	**1**			**4**								**w**									
***01:12, 01:19**	**A1, -**	**1**		**3**																		
***01:13**	**A1**	**1**			**4**						**10**		**12**		**14**							
***01:21, 01:126**	**A1, -**	**1**		**3**	**4**																	
***01:28**	**-**	**1**			**4**						**10**				**14**							
***01:43**	**-**	**1**			**4**					**9**												
***01:51**	**-**	**1**			**4**			**7**		**9**												
***01:95**	**-**	**1**			**4**												**16**					
***01:121**	**-**	**1**			**4**														**18**			
***02:01:01:01-02:01:15, 02:01:17-02:01:19, 02:01:21-02:01:81, 02:01:83-02:16, 02:17:03-02:22:02, 02:24:01-02:33, 02:36-02:45, 02:47, 02:49-02:54, 02:57-02:61, 02:63-02:64, 02:66-02:69, 02:71-02:77, 02:79:01-02:97:02, 02:99, 02:101:01-02:102, 02:104-02:128, 02:130-02:134, 02:136-02:148, 02:150-02:168, 02:170-02:236, 02:238-02:242, 02:244-02:308, 02:310-02:337, 02:339-02:406, 02:408-02:414, 02:416-02:417**	**A2, Low A2, A203/A2, A210/A2, A2/blank, Null, -**		**2**																			
***02:17:01-02:17:02**	**A2**		**2**				**w**															

*02:34-02:35:01, 02:35:03, 02:56:01-02:56:02, 02:62, 02:103	A2		2										12							19		
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	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
HLA-A allele[4]	ser[5]																					
*02:35:02	A2												12							19		
*02:46, 02:70	A2		2																	19		
*02:48, 02:129	A2, -																			19		
*02:55	A2/A28		2					7													20	21
*02:65, 02:407	A2/A19, -		2																18			
*02:78	-		w		4															19		
*02:135	-		2										12									
*02:149	-		2																		20	
*02:169	-		2		4																	
*02:237	-		2											13		15						
*02:243	-		2															17			20	
*02:309	-		2									11		13							20	
*02:338	-		2	3																		
*03:01:01:01-03:01:18, 03:01:20-03:01:22, 03:01:24-03:07, 03:09-03:11N, 03:13-03:17:02, 03:19-03:23:02, 03:25-03:31, 03:33-03:35, 03:37-03:40, 03:42, 03:44-03:49, 03:51-03:56, 03:58, 03:60-03:62, 03:64-03:71, 03:73-03:74, 03:76-03:81, 03:83-03:87, 03:90-03:94, 03:96-03:106, 03:109-03:110, 03:112-03:134, 03:136-03:141, 03:143-03:151, 03:153-03:166	A3, A3/blank, Null, -			3									12									
*03:01:19	-			3								11	12									
*03:01:23, 03:08, 03:32, 03:36N, 03:57, 03:59, 03:72, 03:89, 03:107-03:108, 03:111, 03:142, 03:152, 24:92[7]	A3, Null, -			3																		
*03:12	A3			3	4																	
*03:18, 03:135	-	1			4								12									
*03:24, 03:50	A3, -			3				7					12									
*03:41	-			3																		21
*03:43, 03:82	-			3									12		14		16					
*03:63	-			3							10		12									21
*03:75	-												12									21
*03:88, 11:130[8]	-			3	4						10											21
*03:95	-												12	13		15						
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	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
HLA-A allele[4]	ser[5]																					
*11:01:01-11:09, 11:12-11:16, 11:18-11:24:02, 11:26-11:27, 11:29-11:39, 11:41-11:52Q, 11:54-11:59, 11:61-11:93, 11:95-11:111, 11:114-11:129, 11:131-11:138, 11:141-11:142	A11, Null, -				4						10											
*11:10	A11				4			7			10											
*11:11	-				4						10	11										
*11:17, 11:40	-				4					9	10											
*11:25, 11:60	A11, -			3	4						10											
*11:94, 11:112	-	1			4						10											
*11:113	-				4						10				14							
*11:139	-				4		6				10											
*23:01:01-23:13, 23:15-23:56, 23:58, *B*18:27*[9]	A23, Null, -					5																
*23:14:01-23:14:02, 24:24, 24:71[10]	A23, A9, A24, -					5	6															
*23:57	-																				20	
*24:02:01:01-24:11N, 24:13:01-24:13:02, 24:17, 24:20-24:23, 24:25-24:43, 24:45N-24:50, 24:54-24:56, 24:58-24:63, 24:66-24:70, 24:72-24:81, 24:83N-24:91, 24:93, 24:95-24:113, 24:115-24:137, 24:139-24:187, 24:189-24:203, 24:205-24:210, 24:212, 24:214-24:221, 24:223-24:227, 24:229-24:232N	A24, Low A24, A2403/ A24, A9, A24/A9, Null, -						6															
*24:18, 24:204, 24:213	A24/A3, -						6															21
*24:19, 24:44	A9						6				10											
*24:82	-						6														20	
*25:01:01-25:04, 25:07-25:16, 25:18-25:22	A25, Null, -							7	8				12									
*25:05	A25							7	8			11	12							19		
*25:06	A25							7	8			11										
*25:17	-								8				12									
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	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
HLA-A allele[4]	ser[5]																					

*26:01:01-26:01:20, 26:01:22-26:01:27, 26:08, 26:10-26:15, 26:17-26:18, 26:20, 26:23-26:28, 26:31-26:33, 26:35-26:43:02, 26:45-26:48, 26:50-26:53, 26:55-26:63, 26:65-26:71N, 26:74-26:77, 26:79-26:85	A26, A10, Null, -							7		9			12									
*26:01:21, 26:04, 26:34, 26:73	A26, -							7		9												
*26:02, 26:29, 26:49	A26, -							7		9			w									
*26:03:01-26:03:02, 26:06, 26:21	A26, -							7			10		12									21
*26:05, 26:30	A26							7					12									21
*26:07:01-26:07:02, 26:64	A26, -									9			12									
*26:09	A26							7		9		11										
*26:16	A26						6			9			12									
*26:19	-				4					9			12	13								
*26:22	A26							7		9			12	13							20	
*26:54	-							7		9		11	12							19		
*26:72	-				4					9			12									
*26:78	-							7			10											21
*29:01:01:01-29:06, 29:08N-29:12, 29:15-29:27, 29:29-29:38, 29:40-29:47, 29:50-29:53	A29, Null, -													13								
*29:07, 29:49	A29, -					5								13								
*29:13, 29:39	-													13			16					
*29:14	-													13		15						
*29:28	-							7						13								
*29:48	-													13				17				
*30:01:01-30:04:02, 30:06-30:07, 30:09-30:20, 30:22-30:54, 30:56-30:74	A30, Null, -														14							
*30:08	A30				4										14							
*30:55	-												12		14							
*31:01:02-31:02, 31:05-31:28, 31:30-31:34, 31:36-31:40, 31:42-31:74, 33:53[11]	A31, A31/A24, Null, -															15						
*31:03-31:04	A31											11		13		15						
*31:29	-					5										15						
*31:35	-														14	15	16					
*31:41	-															15					20	
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	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
HLA-A allele[4]	ser[5]																					
*32:01:01-32:01:13, 32:01:15-32:02, 32:07-32:14, 32:16-32:37, 32:39-32:41, 32:43-32:57	A32, Null, -								8								16					

*32:01:14, 32:03, 32:38, 74:07[13]	A32, A74, -																16					
*32:04	A32/A3			3					8													
*32:05	A32															15	16					
*32:06	A32								8								16				20	
*32:15	A32							7	8								16	17				
*32:42	-								8					13			16					
*33:01:01-33:01:07, 33:03:01-33:12, 33:14-33:18:02, 33:20-33:21, 33:23, 33:25-33:37, 33:39-33:47, 33:49-33:50, 33:52, 33:54-33:68	A33, -																	17				
*33:13, 33:48	-									9								17				
*33:19	-						6											17				
*33:22	-																	17			20	
*33:24	-																	17				21
*33:51	-							7										17				
*34:01:01-34:01:02, 34:05-34:06, 34:11	A34, A10, -							7			10	11										
*34:02:01-34:03, 34:07, 34:10N	A34, Null, -			3				7			10	11										
*34:04	A34			3				7			10	11		13								
*34:08	A34			3				7			10	11	12									
*34:09	-			3				7				11										
*36:02	A36	1		3																		21
*43:01	A43									9		11	12									
*66:01, 66:04-66:05, 66:07-66:08, 66:11, 66:13-66:14, 66:17-66:19	A66, A26, -							7			10		12									
*66:02-66:03, 66:16	A66, A10, -							7				11										
*66:06	A66							7			10		12								20	
*66:09	-							7			10		12	13							20	
*66:10	-							7			10		w									
*66:12, 66:15	-							7					12									
*68:01:01:01-68:04, 68:06-68:12, 68:13:02-68:14, 68:16-68:19, 68:21:01-68:24, 68:26-68:28, 68:30-68:44, 68:46-68:65, 68:67-68:70, 68:72-68:83, 68:85-68:100	A68, A28, Null, -							7												19		
*68:05, 68:15, 68:20	A68							7												19		21
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	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
HLA-A allele[4]	ser[5]																					
*68:13:01, 68:66	A68, -				4			7												19		
*68:25	A68							7											18	19		
*68:29	A68							7										17		19	20	
*68:45	-						6	7												19		

*68:71	-							7					12							19		
*68:84	-							7		9										19		
*69:01	A69							7													20	
*74:01-74:03, 74:05-74:06, 74:08-74:12N, 74:14N-74:17	A74, Null, -																		18			
*74:04	A74																	17	18			
*74:13	-												12						18			
*80:01:01:01-80:01:01:02, 80:03	A80, -					5																21
*80:02	-					5					10											
*B*07:81, B*08:52, B*18:67, B*38:41, B*53:05, B*53:16*	B53, -								8													
*C*03:174, C*08:69, C*16:56*	-				4																	
HLA-A allele[4]	ser[5]																					
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21