INTERPRETATION TABLE

HLA-A low resolution SSP typing

Amplification patterns of the A*01:01 to A*80:02 alleles

	Well[6]																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Length of spec.	120	210	205	190	160	135	175	165	75	85	80	185	175	100	90	240	140	200	160	220	240	85	70	360
PCR product(s)	140	255	235		535	175	200	200			175		225	200	135	370	180		200	245	375	240	160	
	225	365				210					500			240	205	395							240	
		415																					495	
Length of int.	800	800	1070	800	800	800	1070	800	800	1070	1070	800	1070	1070	1070	1070	1070	1070	800	800	800	800	800	1070
pos. control[1]																								
5'-primer(s)[2]	98	48	363	98	144	176	98	98	266	257	301	103	98	98	203	41	180	98	180	78	28	78	176	341
	5'-CTT 3'	5'-gCT 3'	5'-ATA 3'	5'-CTA 3'	5'-gCC 3'	5'-gCA 3'	5'-CTC 3'	5'-CTA 3'	5'-ACg 3'	5'-Cgg 3'	5'-Cgg 3'	5'-CCT 3'	5'-CTT 3'	5'-CAC 3'	5'-gAA 3'	5'-CTT 3'	5'-TTT 3'	5'-CAC 3'	5'-TTT 3'	5'-TCT 3'	5'-TCg 3'	5'-TCT 3'	5'-gCA 3'	5'-ggC 3'
	103	78		413	317	368	368	102	266	259	302	423	423	238	362	355	203			106	261	527	261	
	5'-CCT 3'	5'-TCT 3'		5'-CCg 3'	5'-gCT 3'	5'-gTT 3'	5'-gTT 3'	5'-ACA 3'	5'-ACg 3'	5'-CgA 3'	5'-ggA 3'	5'-gCT 3'	5'-gCT 3'	5'-AgA 3'	5'-ggT 3'	5'-CCg 3'	5'-gAA 3'			5'-CCA 3'	5'-AAC 3'	5'-TgC 3'	5'-AAC 3'	
	123	106						413		261	385			355	363		418			2nd I			341	
	5'-AgT 3'	5'-CCA 3'						5'-CCg 3'		5'-AAC 3'	5'-ggC 3'			5'-CCg 3'	5'-ATA 3'		5'-AgC 3'			5'-CCT 3'			5'-ggA 3'	
	363																						355	
	5'-ATA 3'																						5'-CCC 3'	
3'-primer(s)[3]	203	240	527	256	265	270	259	259	302	299	341	257	282	257	299	238	290	256	299	265	97	265	292	418
	5'-TCT 3'	5'-ggA 3'	5'-CCA 3'	5'-CTg 3'	5'-CCC 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'-gCA 3'	5'-CCA 3'	5'-CCT 3'	5'-CAA 3'	5'-CCC 3'	5'-CCA 3'	5'-CCC 3'	5'-ggT 3'	5'-CCC 3'	5'-gTg 3'	5'-gTC 3'
	545	292	527	559	570	502	502	538			521	559	282	299	411	243	317	256	299	282	355	282	292	
	5'-AgA 3'	5'-gTg 3'	5'-CCT 3'	5'-CCg 3'	5'-CCg 3'	5'-CTg 3'	5'-CTT 3'	5'-CCA 3'			5'-ggg 3'	5'-CTC 3'	5'-gAC 3'	5'-TCg 3'	5'-TCA 3'	5'-TCA 3'	5'-ggA 3'	5'-CTC 3'	5'-CCA 3'	5'-gAC 3'	5'-gAC 3'	5'-gAC 3'	5'-gTT 3'	
			555			538	539					559	559	418	526	265	555	259	341	282		282	299	
			5'-gCA 3'			5'-CAg 3'	5'-TCT 3'					5'-CgT 3'	5'-CCg 3'	5'-gTC 3'	5'-CCA 3'	5'-CCC 3'	5'-CCA 3'	5'-gTT 3'	5'-CgT 3'	5'-gAC 3'		5'-gAC 3'	5'-TCT 3'	
			555											555		555				502		570	555	
			5'-CCA 3'											5'-CCA 3'		5'-CCA 3'				5'-CTT 3'		5'-CAC 3'	5'-CCA 3'	
																				506				

																					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**	**22**	**23**	**24**

Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
HLA-A allele[4]	ser[5]																								
*01:01:01:01-01:01:22, 01:01:24-01:04N, 01:06-01:07, 01:09-01:11N, 01:16N-01:18N, 01:20, 01:22N-01:27N, 01:29, 01:31N-01:50, 01:52N-01:78, 01:80-01:81	A1, Null, –	1			4																				
*01:01:23, 01:08, 01:14-01:15N, 01:30, 01:79	A1, Null, –	1																							
*01:12, 01:19	A1, –	1		3																					
*01:13	A1	1			4							11		13		15									
*01:21	A1	1		3	4																				
*01:28	–	1			4							11				15									
*01:51	–	1			4				8		10														
*02:01:01:01-02:01:15, 02:01:17-02:01:19, 02:01:21-02:16, 02:18-02:22:02, 02:24-02:33, 02:36-02:45, 02:47, 02:49-02:54, 02:57-02:61, 02:63-02:69, 02:71-02:77, 02:79:01-02:97:02, 02:99, 02:101-02:102, 02:104-02:128, 02:130-02:134, 02:136-02:145, 02:147-02:168, 02:170-02:236, 02:238-02:242, 02:244-02:282	A2, Low A2, A203, A210, A19, 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											13							20		22		
*02:35:02	A2													13							20		22		
*02:46, 02:70	A2		2																		20		22		
*02:48, 02:129	A2, –																				20		22		
*02:55	A2, A28		2						8													21		23	
*02:78	–		w		4																20		22		
*02:135	–		2											13											24
*02:146	–		2								10														
*02:169	–		2		4																				
*02:237	–		2												14		16								
*02:243	–		2																18			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
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

*03:01:01:01-03:01:18, 03:01:20-03:01:22, 03:02-03:07, 03:09-03:11N, 03:13-03:17, 03:19-03:23, 03:25-03:29, 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	A3, Null, –			3										13											
*03:01:19	–			3									12	13											24
*03:01:23, 03:08, 03:32, 03:36N, 03:57, 03:59, 03:72, 03:89, 03:107-03:108, 03:111	A3, Null, –			3																					
*03:12	A3			3	4																				
*03:18	–	1			4									13											
*03:24, 03:50	A3, –			3					8					13											
*03:30	A3			3		5								13											
*03:41	–			3																				23	
*03:43, 03:82	–			3										13		15		17							
*03:63	–			3								11		13										23	
*03:75	–													13										23	
*03:88	–			3	4							11												23	
*03:95	–													13	14		16								
*11:01:01-11:09, 11:12-11:24:02, 11:26-11:27, 11:29-11:59, 11:61-11:80	A11, Null, –				4							11													
*11:10	A11				4				8			11													
*11:11	–				4							11	12												
*11:25, 11:60	A11, –			3	4							11													
*23:01:01-23:13, 23:15-23:31	A23, Null, –					5	6																		
*23:14, 24:05, 24:13:02, 24:24[7]	A23, A9, A24					5	6	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
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

*24:02:01:01-24:04, 24:06-24:11N, 24:13:01, 24:17, 24:20-24:23, 24:25-24:43, 24:45N-24:50, 24:54-24:56, 24:58-24:63, 24:66-24:81, 24:83N-24:88, 24:90N-24:91, 24:93, 24:95-24:113, 24:115-24:128, 24:130-24:137, 24:139-24:155N	A24, Low A24, A2403, A9, Null, –					5		7																	
*24:14-24:15, 24:51-24:53, 24:57, 24:64, 24:94, 24:114, 24:138	A24, –					5																			
*24:18	A24, A3					5		7																23	
*24:19, 24:44	A9					5		7				11													
*24:82	–					5		7														21			
*24:89, 24:129	–							7																	
*24:92	–			3		5																			
*25:01:01-25:04, 25:07-25:12N	A25, Null, –								8	9				13											
*25:05	A25								8	9				13							20				
*25:06	A25								8	9			12												
*25:13	–								8	9				13											24
*26:01:01-26:01:18, 26:08, 26:10-26:15, 26:17-26:18, 26:20, 26:23-26:29, 26:31-26:33, 26:35-26:43:02, 26:45-26:53, 26:55-26:56	A26, A10, Null, –								8		10			13											
*26:02	A26								8		10			w											
*26:03:01-26:03:02, 26:06, 26:21	A26, –								8			11		13										23	
*26:04, 26:34	A26								8		10														
*26:05	A26								8					13										23	
*26:07:01-26:07:02	A26										10			13											
*26:09	A26								8		10		12												
*26:16	A26							7			10			13											
*26:19	–				4									13	14										
*26:22	A26								8		10			13	14							21			
*26:30	A26								8					13										23	24
*26:54	–								8		10			13							20				
*29:01:01:01-29:06, 29:08N-29:12, 29:15-29:18, 29:20-29:27	A29, Null, –														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
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
*29:07	A29						6								14										
*29:13	–														14			17							

*29:14	–														14		16								
*29:19	–														14					19					
*30:01:01-30:04:02, 30:06-30:07, 30:09-30:20, 30:22-30:46	A30, Null, –															15									
*30:08	A30				4											15									
*31:01:02-31:02, 31:05-31:07, 31:09-31:28, 31:30-31:34, 31:36-31:46	A31, Null, –																16								
*31:03	A31											11	12		14		16								
*31:04	A31												12		14		16								24
*31:08	A31, A24					5											16								
*31:29	–						6										16								
*31:35	–															15	16	17							
*32:01:01-32:02, 32:06-32:12, 32:14, 32:16-32:30	A32, –, Null									9								17							
*32:03	A32																	17							
*32:04	A32, A3			3						9															
*32:05	A32					5											16	17							
*32:13	A32					5				9								17							
*32:15	A32								8	9								17							
*33:01:01-33:01:05, 33:03:01-33:12, 33:14-33:18, 33:20-33:21, 33:23, 33:25-33:34	A33, –																		18						
*33:13	–										10				14				18						
*33:19	–							7											18						
*33:22	–																		18			21			
*33:24	–																		18					23	
*34:01:01-34:01:02, 34:05-34:06	A34, A10								8			11	12												
*34:02-34:03, 34:07	A34			3					8			11	12												
*34:04	A34			3					8			11	12		14										
*34:08	A34			3					8			11	12	13											
*34:09	–			3					8				12												24
*36:01, 36:03, 36:05	A36, –	1																					22		
*36:02	A36	1		3														17					22	23	
*36:04	A36	1			4																		22		
*43:01	A43												12	13											
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
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
*66:01, 66:04-66:08, 66:10-66:11, 66:13-66:15	A66, A26, –								8			11		13											
*66:02-66:03	A66, A10								8				12												24
*66:09	–								8			11		13	14							21			

*66:12	–								8					13											24
*68:01:01-68:04, 68:06-68:14, 68:16-68:19, 68:21-68:28, 68:30-68:44, 68:46-68:65	A68, A28, Null, –								8												20				
*68:05, 68:15, 68:20	A68								8												20			23	
*68:29	A68								8										18		20	21			
*68:45	–							7	8												20				
*68:66	–				4				8												20				
*69:01	A69								8													21			
*74:01-74:06, 74:08-74:12N, 74:14N	A74, Null, –																			19					
*74:07	A74																	17		19					
*74:13	–													13						19					
*80:01	A80						6																	23	
*80:02	–						6					11													
*B*18:27*	–						6																		
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