

INTERPRETATION TABLE												
HLA-B*46 SSP subtyping												
Amplification patterns of the B*46:01 to 46:30 alleles												
	Well ⁵											
	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	130	115	395	130	235	120	105	375	115	100	150	170
PCR product(s)				245		225	140			315		380
Length of int.	800	1070	1070	1070	1070	800	1070	800	1070	800	1070	1070
pos. control ¹												
5'-primer(s) ²	209	209	2 nd I	97	106	106	209	2 nd I	463	106	419	142
	5'-ggC ³	5'-ggC ³	5'-CAA ³	5'-TCC ³	5'-CCA ³	5'-CCA ³	5'-ggC ³	5'-CAA ³	5'-TgA ³	5'-CCg ³	5'-gTC ³	5'-TCA ³
				209		419	463			736		2 nd I
				5'-ggg ³		5'-gTC ³	5'-TgA ³			5'-gCT ³		5'-CAA ³
3'-primer(s) ³	299	272	559	299	299	187	272	538	538	165	527	269
	5'-TCA ³	5'-TgA ³	5'-CgT ³	5'-TCA ³	5'-TCA ³	5'-gTT ³	5'-TgA ³	5'-CAG ³	5'-CCA ³	5'-Tgg ³	5'-CCA ³	5'-ACT ³
		293				605	564	544		916		544
		5'-ggC ³				5'-gCT ³	5'-ACT ³	5'-ggT ³		5'-gAT ³		5'-ggT ³
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-B allele ⁴												
*46:01:01-46:01:02, 46:01:04-46:01:07	1				5				9			
*46:01:03	1				5				9			
*46:02	1	2			5				9			
*46:03	1		3		5							
*46:04				4	5				9			
*46:05	1								9	10		
*46:06	1				5	6		8				
*46:07N	1				5		7		9			
*46:08	1				5			8				
*46:09	1				5				9		11	
*46:10	1				5				9			12
*46:11	1				5			8				
*46:12	1				5				9			
*46:13:01-46:13:02	1				5			8				
*46:13:03	1				5			8				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	130	115	395	130	235	120	105	375	115	100	150	170
PCR product(s)				245		225	140			315		380
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

[illegible]

*07:100, 15:07:01-15:07:02, 15:45, 15:68, 15:126, 15:207										9			
*08:15, 35:74, 35:186, 55:49						5							
*13:31, 13:41, 55:21										9			
*14:07N, 39:40N								7					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
Length of spec.	130	115	395	130	235	120	105	375	115	100	150	170	
PCR product(s)				245		225	140			315		380	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
*15:01:01:01-15:01:04, 15:01:06-15:01:16, 15:01:18-15:01:28, 15:04, 15:08, 15:11:01-15:12, 15:15, 15:24, 15:26N-15:27:02, 15:28, 15:30, 15:32, 15:34-15:35, 15:38:01, 15:43, 15:46, 15:53-15:54, 15:56, 15:58, 15:60, 15:63, 15:66, 15:70-15:71, 15:73, 15:75-15:77, 15:79N, 15:81-15:82, 15:85, 15:87, 15:92, 15:94N, 15:96-15:97, 15:101-15:102, 15:104-15:105, 15:109-15:111N, 15:113, 15:118, 15:120, 15:122, 15:128-15:129, 15:135, 15:137, 15:140, 15:142-15:149N, 15:152, 15:154, 15:157, 15:159-15:160, 15:163-15:167, 15:169, 15:171-15:172, 15:174-15:175, 15:178, 15:180-15:184, 15:187, 15:189-15:193, 15:201-15:203, 15:205-15:206, 15:209N, 15:211-15:212, 15:215, 15:217, 15:225, 15:227-15:228, 15:231-15:234, 15:236, 15:239, 15:244, 18:19, 27:25, 35:14:01-35:14:02, 35:43:01-35:44, 35:67, 35:79, 35:86, 35:102, 35:117, 35:135, 35:163, 35:185, 39:36, 44:146, 51:61, 52:21, 54:06, 56:03, A*26:68, A*68:56, C*02:56, C*06:20, C*12:50									9				
*15:02:01-15:03:01, 15:03:03, 15:06, 15:09-15:10:02, 15:13:01, 15:16:01-15:18:04, 15:21, 15:23, 15:25:01-15:25:03, 15:29, 15:36-15:37, 15:39:01, 15:61-15:62, 15:64, 15:67, 15:72, 15:74, 15:80, 15:88-15:90, 15:95, 15:98, 15:103, 15:106, 15:112, 15:115, 15:119, 15:127, 15:132-15:134, 15:139, 15:153, 15:156, 15:158, 15:162, 15:168, 15:170, 15:173, 15:176-15:177, 15:194-15:198, 15:200, 15:204, 15:208, 15:210, 15:213-15:214, 15:216, 15:219-15:220, 15:223, 15:226N, 15:229-15:230, 15:240, 15:242-15:243								8					

Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	130	115	395	130	235	120	105	375	115	100	150	170
PCR product(s)				245		225	140			315		380
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*15:03:02, 15:13:02, 15:39:02								8				
*15:05:01, 15:31, 15:55, 15:107, 15:123, 15:151, 15:155, 15:185, 15:222								8				
*15:05:02								8				
*15:14									9			
*15:19									9			
*15:27:03, 15:38:02									9			
*15:40, 15:238								8				
*15:42			3					8				
*15:44, 15:69, 15:93, 15:121, 15:186			3					8				
*15:47:01-15:47:02, 15:49												
*15:48								8				12
*15:50			3						9			
*15:52, 15:114, 15:124								8				
*15:57	w				w				9			
*15:84, 15:237												
*15:86, 15:188, 15:224			3					8				
*15:91								8				
*15:108, 15:136, 15:235								8				12
*15:117									9			
*15:125									9	10		
*15:131, 15:161								8				
*15:138						6		8				
*15:179												
*15:199			3									
*15:241						6			9			
*18:06				4								
*18:56, 35:45, 35:71, 44:17, 44:43:01-44:43:02, 44:144, 45:09, 53:22, 58:07												
*35:54, C*07:02:30, C*08:16:02										10		
*35:62									9		11	
*35:113, 44:98, C*03:125												
*40:73				4	5							
*55:03					5							
*55:19						6						
*56:19N							7					
*73:01-73:02				w								
C*02:28											11	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

INTERPRETATION TABLE												
HLA-B*46 SSP subtyping												
Amplification patterns of the B*46:01 to 46:30 alleles												
Well ⁵												
13	14	15	16	17	18	19	20	21	22	23	24	
105	215	330	195	365	95	230	375	270	215	45	395	Length of spec.
215			215									PCR product(s)
1070	1070	1070	1070	800	1070	1070	1070	1070	1070	1070	1070	Length of int.
												pos. control ¹
106	363	2 nd I	106	2 nd I	419	821	2 nd I	369	385	209	2 nd I	5'-primer(s) ²
5'-CCA 3'	5'-AgC 3'	5'-CAA 3'	5'-CCA 3'	5'-CAA 3'	5'-gTC 3'	5'-gCT 3'	5'-CAA 3'	5'-TAC 3'	5'-ggT 3'	5'-ggC 3'	5'-CAA 3'	
357			419									
5'-Tgg 3'			5'-gTC 3'									
281	538	486	281	527	472	916	539	599	559	214	559	3'-primer(s) ³
5'-CCC 3'	5'-CCA 3'	5'-gCg 3'	5'-CCC 3'	5'-CCA 3'	5'-ggA 3'	5'-gAT 3'	5'-TCT 3'	5'-CCC 3'	5'-Cag 3'	5'-CCA 3'	5'-CTC 3'	
420		498	572									
5'-gCT 3'		5'-gTA 3'	5'-gCg 3'									
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												HLA-B allele ⁴
												*46:01:01-46:01:02, 46:01:04-46:01:07
		15										*46:01:03
												*46:02
												*46:03
												*46:04
												*46:05
				17							24	*46:06
												*46:07N
												*46:08
												*46:09
												*46:10
13		15		17								*46:11
	14											*46:12
		15		17								*46:13:01-46:13:02
				17								*46:13:03
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
105	215	330	195	365	95	230	375	270	215	45	395	Length of spec.
215			215									PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

												*46:14
												*46:15N
												*46:16
			16									*46:17
13		15		17								*46:18
												*46:19
												*46:20
				17								*46:21:01
		15		17								*46:21:02
13			16									*46:22
					18							*46:23
						19						*46:24
							20					*46:25
				17				21				*46:26
									22			*46:27
										23		*46:28
												*46:29
											24	*46:30
												*07:09, 07:11, 07:17, 18:35, 35:66, 40:38, 40:52, 40:59-40:60, 40:158, 48:14, 48:23, <i>C*07:38:01-07:38:02</i>
	14											*07:55, 08:70, 48:19
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
105	215	330	195	365	95	230	375	270	215	45	395	Length of spec. PCR product(s)
215			215									
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
13												*07:78, 13:02:01-13:03, 13:08Q-13:09, 13:14-13:16, 13:18-13:19, 13:27, 13:30, 13:32-13:34, 13:37-13:38, 13:40, 13:42, 13:44-13:45, 13:53-13:54, 35:60, 44:15, 44:18, 45:01, 45:03-45:08, 45:10-45:14, 49:01:01-49:03, 49:06-49:17, 49:19N- 49:20, 50:01:01-50:02, 50:04-50:08, 50:10- 50:11, 50:13, 50:15, 51:15, 52:25, 54:01:01 54:03, 54:05N, 54:07-54:08N, 54:10, 54:12 54:13, 54:16-54:26, 55:01:01-55:01:03, 55:01:05-55:01:06, 55:01:08-55:02:06, 55:05, 55:07, 55:09-55:12, 55:15-55:16, 55:18, 55:22, 55:24-55:26, 55:29-55:31, 55:33-55:38, 55:40-55:41, 55:43, 55:45- 55:48, 55:50, 55:52, 55:54-55:56, 56:01:01- 56:01:04, 56:07-56:08, 56:13-56:14, 56:16- 56:17, 56:20:01-56:20:02, 56:23-56:30, 56:33-56:35, 59:01:01:01-59:01:01:02, 59:04-59:05

14													*07:100, 15:07:01-15:07:02, 15:45, 15:68, 15:126, 15:207
													*08:15, 35:74, 35:186, 55:49
13													*13:31, 13:41, 55:21
													*14:07N, 39:40N
13	14	15	16	17	18	19	20	21	22	23	24	Well No.	
105	215	330	195	365	95	230	375	270	215	45	395	Length of spec. PCR product(s)	
215			215										
13	14	15	16	17	18	19	20	21	22	23	24	Well No.	
												*15:01:01:01-15:01:04, 15:01:06-15:01:16, 15:01:18-15:01:28, 15:04, 15:08, 15:11:01-15:12, 15:15, 15:24, 15:26N-15:27:02, 15:28, 15:30, 15:32, 15:34-15:35, 15:38:01, 15:43, 15:46, 15:53-15:54, 15:56, 15:58, 15:60, 15:63, 15:66, 15:70-15:71, 15:73, 15:75-15:77, 15:79N, 15:81-15:82, 15:85, 15:87, 15:92, 15:94N, 15:96-15:97, 15:101-15:102, 15:104-15:105, 15:109-15:111N, 15:113, 15:118, 15:120, 15:122, 15:128-15:129, 15:135, 15:137, 15:140, 15:142-15:149N, 15:152, 15:154, 15:157, 15:159-15:160, 15:163-15:167, 15:169, 15:171-15:172, 15:174-15:175, 15:178, 15:180-15:184, 15:187, 15:189-15:193, 15:201-15:203, 15:205-15:206, 15:209N, 15:211-15:212, 15:215, 15:217, 15:225, 15:227-15:228, 15:231-15:234, 15:236, 15:239, 15:244, 18:19, 27:25, 35:14:01-35:14:02, 35:43:01-35:44, 35:67, 35:79, 35:86, 35:102, 35:117, 35:135, 35:163, 35:185, 39:36, 44:146, 51:61, 52:21, 54:06, 56:03, A*26:68, A*68:56, C*02:56, C*06:20, C*12:50	
												*15:02:01-15:03:01, 15:03:03, 15:06, 15:09-15:10:02, 15:13:01, 15:16:01-15:18:04, 15:21, 15:23, 15:25:01-15:25:03, 15:29, 15:36-15:37, 15:39:01, 15:61-15:62, 15:64, 15:67, 15:72, 15:74, 15:80, 15:88-15:90, 15:95, 15:98, 15:103, 15:106, 15:112, 15:115, 15:119, 15:127, 15:132-15:134, 15:139, 15:153, 15:156, 15:158, 15:162, 15:168, 15:170, 15:173, 15:176-15:177, 15:194-15:198, 15:200, 15:204, 15:208, 15:210, 15:213-15:214, 15:216, 15:219-15:220, 15:223, 15:226N, 15:229-15:230, 15:240, 15:242-15:243	

13	14	15	16	17	18	19	20	21	22	23	24	Well No.
105	215	330	195	365	95	230	375	270	215	45	395	Length of spec.
215			215									PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
		15										*15:03:02, 15:13:02, 15:39:02
				17								*15:05:01, 15:31, 15:55, 15:107, 15:123, 15:151, 15:155, 15:185, 15:222
		15		17								*15:05:02
			16									*15:14
					19							*15:19
		15										*15:27:03, 15:38:02
											24	*15:40, 15:238
13		15										*15:42
												*15:44, 15:69, 15:93, 15:121, 15:186
											24	*15:47:01-15:47:02, 15:49
		15										*15:48
												*15:50
				17							24	*15:52, 15:114, 15:124
												*15:57
				w								*15:84, 15:237
		15		17								*15:86, 15:188, 15:224
			16	17								*15:91
												*15:108, 15:136, 15:235
											24	*15:117
												*15:125
			16									*15:131, 15:161
											24	*15:138
		15										*15:179
												*15:199
											24	*15:241
												*18:06
			16									*18:56, 35:45, 35:71, 44:17, 44:43:01- 44:43:02, 44:144, 45:09, 53:22, 58:07
												*35:54, C*07:02:30, C*08:16:02
												*35:62
									22			*35:113, 44:98, C*03:125
												*40:73
13												*55:03
13												*55:19
13												*56:19N
												*73:01-73:02
												C*02:28
13	14	15	16	17	18	19	20	21	22	23	24	Well No.