

INTERPRETATION TABLE																	
HLA-B*18 SSP subtyping																	
Amplification patterns of the B*18:01 to B*18:52 alleles																	
	Well ¹¹																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Length of spec.	##	##	##	##	##	##	90	##	##	85	##	90	85	##	##	95	##
PCR product(s)							##				##	##		##	##	##	##
											635						
Length of int.	800	800	800	800	1070	1070	1070	1070	1070	800	1070	1070	1070	1070	1070	1070	1070
pos. control ¹																	
5'-primer(s) ²	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	41	##
	5'-Cgg ³	5'-Agg ³	5'-AAT ³	5'-CAA ³	5'-AgT ³	5'-Agg ³	5'-Cgg ³	5'-ATg ³	5'-gTg ³	5'-TgT ³	5'-CAA ³	5'-Cgg ³	5'-gCg ³	5'-CCA ³	5'-AgT ³	5'-CTA ³	5'-CCT ³
					##		##		##			##	##	##	##	##	##
					5'-ATT ³		5'-Agg ³		5'-gTT ³			5'-Agg ³	5'-gTg ³	5'-AgC ³	5'-CCg ³	5'-ACC ³	5'-gTC ³
															##		##
															5'-TgA ³		5'-CCg ³
3'-primer(s) ³	292	583	583	292	234	453	272	559	583	3 ^d I	317	259	583	234	583	234	181
	5'-gTA ³	5'-gTg ³	5'-gTg ³	5'-gTC ³	5'-TCT ³	5'-TCC ³	5'-TgA ³	5'-CTC ³	5'-gTg ³	5'-TAT ³	5'-ggA ³	5'-CTC ³	5'-gTg ³	5'-TCT ³	5'-gTg ³	5'-TCT ³	5'-gTA ³
	##						##				##	##		##		##	##
	5'-gTA ³						5'-TgC ³				5'-CAG ³	5'-TgC ³		5'-gTg ³		5'-CCA ³	5'-gTg ³
											##						
											5'-gTA ³						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
HLA-B allele ⁴																	
*18:01:01-18:01:09	1	2															
*18:02	1		3														
*18:03		2		4													
*18:04	1	2			5									14			
*18:05	1	2				6											
*18:06	1	2															
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Length of spec.	##	##	##	##	##	##	90	##	##	85	##	90	85	##	##	95	##
PCR product(s)							##				##	##		##	##	##	##

												#					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
*18:07:01-18:07:02	1	2					7										
*18:08	1	2							9								
*18:09		2									11						
*18:10	1							8			11						
*18:11	1										11						
*18:12	1	2										12					
*18:13	1	2											13				
*18:14	1													14			
*18:15	1	2													15		
*18:17N	1	2														16	
*18:18, 18:47 ⁵	1	2															17
*18:19	1	2											13		15	16	
*18:20	1	2															
*18:21	1							8			11						
*18:22	1																
*18:23N	1	2								10							
*18:24	1	2			5												
*18:25	1	2												14			
*18:26	1	2															
*18:27	1								9								
*18:28	1	2															
*18:29		2															
*18:30	1	2											13		15		
*18:31	1	2													15		17
*18:32	1	2															
*18:33	1	2															
*18:34, 18:52 ⁶	1	2															
*18:35	1							8			11						
*18:36	1	2									11						
*18:37, 18:46 ⁷	1	2															
*18:38, 18:45 ⁸	1	2															
*18:39	1																
*18:40, 18:51 ⁹	1	2															
*18:41	1	2					7					12					
*18:42, 18:43 ¹⁰	1	2															
*18:44	1														15		
*18:48	1	2															
*18:49	1	2															
*18:50	1	2						8									
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Length of spec.	##	##	##	##	##	##	90	##	##	85	##	90	85	##	##	95	##
PCR product(s)							##				##	##		##	##	##	##
											##						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
*07:02:01-07:04, 07:07-07:13, 07:15-07:16, 07:18:01-07:18:02, 07:21-07:23, 07:25-07:27, 07:29-07:30, 07:33, 07:35-07:39, 07:41-07:42, 07:44-07:52, 07:54-07:59, 07:61-07:67N, 07:70-07:77, 07:79, 07:81-07:89, 07:91-07:95, 07:98-07:99, 07:101-07:104, 07:106-07:108, 07:110-07:111N, 07:113-07:114, 07:116-07:117, 13:26, 13:35, 15:40, 15:47, 15:49, 15:52, 15:114, 15:117, 15:124, 27:34, 27:41, 35:15, 35:33, 35:86, 37:07, 40:03, 40:18, 40:20, 40:24, 40:31-40:33, 40:44, 40:52, 40:59, 40:98, 40:120, 46:06, 48:08, 48:23, 57:13, 57:25, C*02:06, C*02:23, C*02:36, C*15:42								8									
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Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Length of spec.	#	#	#	#	#	#	90	#	#	85	#	90	85	#	#	95	#
PCR product(s)							#				#	#		#	#	#	#
											#						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
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*13:31, 15:27:03, 35:14:01, 35:62, 46:01:03, C*01:09, C*02:02:14, C*07:22, C*07:138																16	
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*14:05														14	15		
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*14:10															15		
*14:13														14	15		
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*15:38:02		2											13		15	16	
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*15:185, 39:32, 39:43		2															
*15:204, 37:22, 49:03																	
*27:28, 27:62			3														
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Length of spec.	#	#	#	#	#	#	90	#	#	85	#	90	85	#	#	95	#

PCR product(s)							#				#	#		#	#	#	#
											#						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
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*35:27, 35:56																	
*37:04:01-37:04:02																	
*37:05																	
*39:36, 55:21																16	
*39:48		2															
*40:51		2													15		
*40:77, 40:87:01, 40:121, 40:158, 48:12, 48:14																	
*40:113		2															
*41:12, 54:02, 55:16																	
*44:03:12											11			14			
*44:108N										10							
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*51:64														14	15		
*51:82													13		15		
*52:21													13		15	16	
*73:01																	
*78:06															15		
A*24:02:37, A*26:01:16											11						
A*66:04													w				
C*01:30													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	22	23	24	25	26	27	28	29	30	31	32	Well No.		
			21												*18:07:01-18:07:02		
			21												*18:08		
			21												*18:09		
															*18:10		
															*18:11		
			21												*18:12		
			21												*18:13		
			21												*18:14		
18			21												*18:15		
			21												*18:17N		
			21												*18:18, 18:47 ⁵		
			21												*18:19		
		20													*18:20		
w					23										*18:21		
			21	22											*18:22		
			21												*18:23N		
			21												*18:24		
			21					26							*18:25		
			21			24									*18:26		
			21												*18:27		
			21											32	*18:28		
18			21												*18:29		
w			21												*18:30		
			21												*18:31		
18			21												*18:32		
			21	22											*18:33		
			21									30			*18:34, 18:52 ⁶		
							25								*18:35		
			21												*18:36		
			21						27						*18:37, 18:46 ⁷		
			21							28					*18:38, 18:45 ⁸		
	19		21												*18:39		
			21		23										*18:40, 18:51 ⁹		
			21												*18:41		
			21					26							*18:42, 18:43 ¹⁰		
			21												*18:44		
			21				25								*18:48		
			21										31		*18:49		
			21								29				*18:50		
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.		

85	##	##	##	##	##	##	##	75	90	85	##	65	##	##	##	Length of spec.
##	##			##	##			##	##	##	##		##			PCR product(s)
##																
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.	
															*07:02:01-07:04, 07:07-07:13, 07:15-07:16, 07:18:01-07:18:02, 07:21-07:23, 07:25-07:27, 07:29-07:30, 07:33, 07:35-07:39, 07:41- 07:42, 07:44-07:52, 07:54-07:59, 07:61- 07:67N, 07:70-07:77, 07:79, 07:81-07:89, 07:91-07:95, 07:98-07:99, 07:101-07:104, 07:106-07:108, 07:110-07:111N, 07:113- 07:114, 07:116-07:117, 13:26, 13:35, 15:40, 15:47, 15:49, 15:52, 15:114, 15:117, 15:124, 27:34, 27:41, 35:15, 35:33, 35:86, 37:07, 40:03, 40:18, 40:20, 40:24, 40:31-40:33, 40:44, 40:52, 40:59, 40:98, 40:120, 46:06, 48:08, 48:23, 57:13, 57:25, C*02:06, C*02:23, C*02:36, C*15:42	
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18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.	

85	##	##	##	##	##	##	##	75	90	85	##	65	##	##	##	Length of spec.
##	##			##	##			##	##	##	##		##			PCR product(s)
##																
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.	
						24									*07:34, 08:01:01-08:05, 08:08N-08:10, 08:12:01-08:13, 08:15-08:20, 08:22-08:24, 08:26-08:27, 08:29-08:36, 08:38-08:39, 08:41- 08:48, 08:50-08:66, 13:06, 15:42, 15:83, 15:86, 15:188, 35:60, 35:87, 37:12, 38:01:01, 38:01:03-38:07, 38:09-38:21, 38:23-38:26, 39:01:01:01-39:01:01:02L, 39:01:03- 39:06:02, 39:08-39:14, 39:16, 39:18-39:20, 39:22-39:24:01, 39:26-39:28, 39:30-39:31, 39:34-39:35, 39:37, 39:39, 39:41-39:42, 39:44-39:46, 39:51-39:54, 39:56-39:62, 40:39, 41:01-41:03:02, 41:05-41:09, 41:11, 41:13-41:16, 42:01:01-42:02, 42:04-42:08, 42:10-42:14, 46:18, 51:36, 54:01:01, 54:04- 54:05N, 54:07-54:08N, 54:10-54:13, 54:17- 54:23, 55:01:01-55:05, 55:07, 55:10-55:13, 55:15, 55:17-55:20, 55:25-55:26, 55:28- 55:40, 55:42-55:45, 55:47-55:48, 56:10, 56:12, 56:23, 58:20, 59:01:01:01-59:03, 59:05, 67:01:01-67:03, C*15:24	
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									27						*07:109	
			21								29				*13:15, 51:31	
															*13:31, 15:27:03, 35:14:01, 35:62, 46:01:03, C*01:09, C*02:02:14, C*07:22, C*07:138	
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		20													*14:03	
		20													*14:05	
		20													*14:06:01-14:06:02, 14:08	
		20		22											*14:10	
			21			24									*14:13	
			21												*15:37, 51:06:01, 51:45, 51:62	
			21												*15:38:01	
			21												*15:38:02	
18															*15:71, 15:175, 35:50, 46:14	
			21												*15:185, 39:32, 39:43	
18		20													*15:204, 37:22, 49:03	
		20													*27:28, 27:62	
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.	
85	##	##	##	##	##	##	75	90	85	##	65	##	##	##	Length of spec.	

#	#			#	#		#	#	#	#		#			PCR product(s)
#															
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													31		*35:27, 35:56
		20		w											*37:04:01-37:04:02
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			21			24									*39:48
			21			24									*40:51
							25								*40:77, 40:87:01, 40:121, 40:158, 48:12, 48:14
			21								29				*40:113
18						24									*41:12, 54:02, 55:16
		20					26								*44:03:12
		20													*44:108N
			21												*51:01:01-51:01:20, 51:03, 51:07:01-51:07:02, 51:11N-51:14, 51:22, 51:24:01-51:24:04, 51:26-51:28, 51:30, 51:32-51:33, 51:35, 51:37-51:39, 51:41N, 51:43, 51:48-51:52, 51:55, 51:57-51:58, 51:60, 51:63, 51:65-51:72, 51:74-51:80, 51:83-51:84, 51:86-51:92, 51:94-51:96, 51:98N-51:100, 51:102-51:106, 52:01:01:01-52:02, 52:04-52:07, 52:09, 52:12-52:18, 52:20, 52:22, 56:05:01-56:06, 56:21, 58:08, 78:01-78:03, 78:05
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