

INTERPRETATION TABLE

HLA-B*18 SSP subtyping

Amplification patterns of the B*18:01 to B*18:49 alleles

	Well ⁸															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	170	260	260	100	140	130	90	190	255	85	125	90	85	170	100	95
PCR product(s)							150				610	140		260	265	360
Length of int.	800	800	800	800	1070	1070	1070	1070	1070	800	1070	1070	1070	1070	1070	1070
pos. control ¹																
5'-primer(s) ²	161	363	363	234	130	363	161	412	368	610	234	161	539	106	361	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'}
					141		363		368			363	539	363	523	486
					5'-ATT ^{3'}		5'-Agg ^{3'}		5'-gTT ^{3'}			5'-Agg ^{3'}	5'-gTg ^{3'}	5'-AgC ^{3'}	5'-CCg ^{3'}	5'-ACC ^{3'}
															527	
															5'-TgA ^{3'}	
3'-primer(s) ³	292	583	583	292	234	453	272	559	583	3 rd I	317	259	583	234	583	234
	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'}
	292						414				559	414		583		538
	5'-gTA ^{3'}						5'-TgC ^{3'}				5'-CAg ^{3'}	5'-TgC ^{3'}		5'-gTg ^{3'}		5'-CCA ^{3'}
											583					
											5'-gTA ^{3'}					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HLA-B allele ⁴																
*18:01:01-18:01:08	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														
*18:07:01-18:07:02	1	2					7									
*18:08	1	2							9							
*18:09		2									11					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	170	260	260	100	140	130	90	190	255	85	125	90	85	170	100	95
PCR product(s)							150				610	140		260	265	360
											635					

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*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														
*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	
*18:32	1	2														
*18:33	1	2														
*18:34	1	2														
*18:35	1							8			11					
*18:36	1	2									11					
*18:37, 18:46 ⁶	1	2														
*18:38, 18:45 ⁷	1	2														
*18:39	1															
*18:40	1	2														
*18:41	1	2					7					12				
*18:42	1	2														
*18:43	1	2														
*18:44	1														15	
*18:48	1	2														
*18:49	1	2														
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	170	260	260	100	140	130	90	190	255	85	125	90	85	170	100	95
PCR product(s)							150				610	140		260	265	360
											635					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*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, 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, 46:06, 48:08, 57:13, 57:25, 07:14, 07:17, 07:28, 07:96, 08:14, 08:28, 08:49, 13:10, 15:02:01-15:02:04, 15:06, 15:13, 15:17:01:01-15:17:02, 15:21, 15:25:01-15:25:02, 15:31, 15:36, 15:44, 15:55, 15:77, 15:88-15:89, 15:106, 15:112, 15:121, 15:128, 15:137, 15:139, 15:144, 15:156, 15:162, 15:168, 15:170, 15:177, 27:01-27:06, 27:08-27:10, 27:12-27:19, 27:21, 27:23, 27:25-27:26, 27:29-27:32, 27:35-27:40, 27:42, 27:44-27:61, 27:63- 27:65N, 37:01:01-37:03N, 37:06, 37:08, 37:10-37:11, 37:13-37:21, 38:22, 39:17, 40:09, 40:42, 40:60, 40:89, 44:02:01:01-44:09, 44:11- 44:13, 44:15-44:16, 44:18- 44:30, 44:32-44:42, 44:44, 44:46-44:50, 44:52N-44:61N, 44:63-44:76, 44:78-44:81, 44:83-44:99, 45:01-45:08, 45:10-45:11, 47:01:01:01- 47:07, 48:17, 49:01:01-49:02, 49:05-49:08, 49:10, 50:01:01-								8								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	170	260	260	100	140	130	90	190	255	85	125	90	85	170	100	95
PCR product(s)							150				610	140		260	265	360

											635					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*07:34, 08:01:01-08:06, 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, 08:50-08:61, 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, 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, 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, 39:56-39:57, 40:39, 41:01- 41:03:02, 41:05-41:09, 41:11, 42:01:01-42:02, 42:04-42:08, 42:10-42:13, 46:18, 51:36, 54:01, 54:04-54:05N, 54:07- 54:08N, 54:10-54:13, 54:17- 54:22, 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, 56:10, 56:12, 56:23, 58:20. 59:01-59:03. 59:05.																
*07:68, 15:138, 35:66								8								
*13:15, 51:08-51:09:02, 51:19-51:20, 51:31, 51:44N, 51:53, 51:73, 52:10, 52:19																
*13:31, 15:27:03, 35:14:01, 35:62, 46:01:03, C*01:09, C*07:22																16
*14:01-14:02:05, 14:04, 14:07N, 14:09, 14:11-14:12, 14:14-14:18, 49:09, 51:85																15
*14:03													13		15	
*14:05														14	15	
*14:06:01-14:06:02, 14:08		2													15	
*14:10															15	
*14:13														14	15	
*15:37, 51:06, 51:45, 51:62		2													15	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	170	260	260	100	140	130	90	190	255	85	125	90	85	170	100	95
PCR product(s)							150				610	140		260	265	360
											635					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

*15:38:01	2													13	15	
*15:38:02	2													13	15	16
*15:71, 15:175, 35:50, 46:14																
*15:185, 39:32, 39:43	2															
*27:28, 27:62		3														
*35:02:02, 35:20:02										11				14		
*35:21, 35:96, 40:28, 51:04, 51:46, 51:56, 53:06															15	
*35:24:01-35:24:02, 35:81, 53:02, 57:14, 58:09																
*35:27, 35:56																
*37:04:01-37:04:02																
*37:05																
*37:22, 49:03																
*39:36, 55:21																16
*39:48	2															
*40:51	2														15	
*40:77, 40:87, 48:12, 48:14																
*41:12, 54:02, 55:16																
*51:01:01-51:01:17, 51:03, 51:07:01-51:07:02, 51:11N- 51:14, 51:16, 51:22, 51:24:01-51:24:03, 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, 51:94-51:95, 52:01:01- 52:02, 52:04-52:09, 52:12- 52:18, 52:20, 56:05:01- 56:06, 56:21, 58:08, 78:01- 78:03, 78:05															15	
*51:17-51:18																15
*51:21, 78:07																15
*51:29, 51:61, 51:82														13	15	
*51:64															14	15
*78:06																15
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.
																*18:10
																*18:11
				21												*18:12
				21												*18:13
				21												*18:14
	18			21												*18:15
				21												*18:17N
17				21												*18:18, 18:47 ⁵
			20	21												*18:19
	w					23										*18:20
				21	22											*18:21
				21												*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
17				21												*18:31
	18			21												*18:32
				21	22											*18:33
				21									30			*18:34
								25								*18:35
				21												*18:36
				21						27						*18:37, 18:46 ⁶
				21							28					*18:38, 18:45 ⁷
		19		21												*18:39
				21		23										*18:40
				21												*18:41
				21								29				*18:42
				21					26							*18:43
				21												*18:44
				21				25								*18:48
				21										31		*18:49
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.

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17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
							24									*07:34, 08:01:01-08:06, 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, 08:50-08:61, 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, 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, 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, 39:56-39:57, 40:39, 41:01-41:03:02, 41:05-41:09, 41:11, 42:01:01-42:02, 42:04-42:08, 42:10-42:13, 46:18, 51:36, 54:01, 54:04-54:05N, 54:07-54:08N, 54:10-54:13, 54:17-54:22, 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, 56:10, 56:12, 56:23, 58:20, 59:01-59:03, 59:05, *07:68, 15:138, 35:66
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			20													*14:01-14:02:05, 14:04, 14:07N, 14:09, 14:11-14:12, 14:14-14:18, 49:09, 51:85
			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, 51:45, 51:62
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
110	85	105	290	215	150	515	190	75	180	85	100	90	145	135	100	Length of spec.
255	555	405			270			185		140	175					PCR product(s)
	580															
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.

