INTERPRETATION TABLE

HLA-B low resolution SSP

Amplification patterns of the B*07:02 to B*83:01 alleles

		Well																							
		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Length of spec.		110	215	140	130	185	190	290	165	165	180	105	280	195	105	115	80	150	135	60	210	170	110	395	160
PCR product(s)				235	265	235			220	190		195			395	150				245					425
									330	390					435					400					
Length of int. pos. control[1]		800	1070	1070	800	800	800	1070	1070	1070	800	1070	1070	1070	1070	1070	1070	800	1070	1070	800	800	1070	1070	1070
5'-primer(s)[2]		527	97	209	103	103	103	45	45	45	420	206	419	142	45	161	167	355	206	45	142	409	246	44	44
		5' -TgA 3'	5' -TCg 3'	5' -ggC 3'	5' -CCg 3'	5' -CCT 3'	5' -CCg 3'	5' -ggA 3'	5' -ggA 3'	5' -ggA 3'	5' -TTA 3'	5' -AgA 3'	5' -gTC 3'	5' -TCT 3'	5' -ggA 3'	5' -Cgg 3'	5' -gCT 3'	5' -TCA 3'	5' -gAC 3'	5' -ggA 3'	5' -TCT 3'	5' -ggC 3'	5' -gAA 3'	5' -ggC 3'	5' -ggC 3'
		540		363	103	103	418		357	435		420		419	540					368	368	420			357
		5' -gAC 3'		5' -AgC 3'	5' -CCg 3'	5' -CCT 3'	5' -Agg 3'		5' -Tgg 3'	5' -AAA 3'		5' -TTA 3'		5' -gTC 3'	5' -gAC 3'					5' -gTT 3'	5' -gTC 3'	5' -TTA 3'			5' -Tgg 3'
				363	361	363			412											557					
				5' -AgC 3'	5' -AgT 3'	5' -AAT 3'			5' -ATA 3'											5' -ggA 3'					
3'-primer(s)[3]		605	272	309	193	246	246	165	206	266	559	272	3rd I	301	272	234	204	463	302	259	311	544	317	272	302
		5' -gCT 3'	5' -Tgg 3'	5' -gTg 3'	5' -CgT 3'	5' -TAT 3'	5' -TAT 3'	5' -Tgg 3'	5' -CCT 3'	5' -TCC 3'	5' -CTC 3'	5' -Tgg 3'	5' -TAT 3'	5' -gTC 3'	5' -TgC 3'	5' -TCT 3'	5' -TCT 3'	5' -gCT 3'	5' -ggC 3'	5' -gTT 3'	5' -ggg 3'	5' -ggT 3'	5' -ggA 3'	5' -TgC 3'	5' -ggC 3'
			272	559	193	246	572		538	559		572		301	309	272				259	311				302
			5' -TgA 3'	5' -CAg 3'	5' -CgT 3'	5' -TAT 3'	5' -gCC 3'		5' -gTC 3'	5' -CAg 3'		5' -gCg 3'		5' -gTC 3'	5' -ATC 3'	5' -TgA 3'				5' -gTT 3'	5' -ggg 3'				5' -ggT 3'
					583	559				583				570	605	272				266	538				477
					5' -gTg 3'	5' -CTC 3'				5' -gTg 3'				5' -CCg 3'	5' -gCT 3'	5' -Tgg 3'				5' -TCC 3'	5' -gTC 3'				5' -gCg 3'
														572						272					
														5' -gCg 3'						5' -Tgg 3'					
																				292					
																				5' -gTA 3'					
																				572					
																				5' -gCg 3'					
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
HLA-B allele[4]	**ser.[5]**																								

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*07:48, 07:51, 07:155, 07:164	-																								48
*07:50	-	25										35													48
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*07:60	-			27																					48
*07:65	-	25																	42						
*07:69, 07:85	-	25																						47	48
*07:73	-	25															40								48
*07:78	-	25									34														48
*07:84	-	25																							48
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*07:133	-	25																							48
*07:134	-	25																	42						48
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Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
HLA-B allele[4]	ser.[5]																								

*08:01:01-08:01:20, 08:05, 08:08N, 08:10-08:11, 08:15, 08:18-08:19N, 08:22-08:24, 08:27, 08:29-08:31, 08:33-08:34, 08:39, 08:41-08:48, 08:51, 08:53:01-08:53:02, 08:56:01-08:59:01, 08:61, 08:63-08:64, 08:66-08:69, 08:71-08:73, 08:75, 08:80-08:83, 08:86N, 08:90-08:93, 08:95-08:100, 08:104-08:105	B8, Null, -		26						32																48
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*08:04	-		26						32			35													48
*08:07, 08:14, 08:74, 08:77	B8, -		26																						48
*08:09, 08:84	B8, -		26						32																48
*08:12:01-08:12:03, 08:16	B8, -		26						32																48
*08:13, 08:20, 08:40, 08:70	-		26																						48
*08:17, 08:54	-		26						32			35													48
*08:21	-		26	27					32																48
*08:25	-		26	27																					48
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*08:32	-		26						32										42						48
*08:35	-		26						32				36												48
*08:36	-		26						32																
*08:38, 08:101	-		26						32																48
*08:49	-		26															41			44				48
*08:55	-		26																			45			48
*08:60, 08:76	-		26						32																48
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*08:79	-	25	26																						48
*08:87	-		26				30																		48
*08:88, 08:102	-		26						32								40								48
*08:89	-		26										36												48
*08:103	-		26						32																48
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Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
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*13:07N	Null			27	28						34							41							
*13:09	-				28						34														
*13:11	-			27	28						34														
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*13:16	-			27	28						34														
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*13:26	-			27	28								36					41							
*13:31	-			27	28						34														
*13:36	-			27	28						34							41							
*13:39	-				28						34							41							
*13:41	-			27	28						34														
*13:46	-			27	28				32																
*13:48	-			27	28																				
*13:53	-			27	28																				
*13:58	-										34														
*13:62	-			27	28					33															
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*14:10	-					29												41						47	48
*14:21	-				28																				48
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
HLA-B allele[4]	ser.[5]																								

*15:01:01:01-15:01:01:02N, 15:01:03, 15:01:06-15:01:16, 15:01:18, 15:01:20-15:01:30, 15:26N-15:27:03, 15:32, 15:34-15:35, 15:38:01-15:38:02, 15:50, 15:56, 15:60, 15:70-15:71, 15:75, 15:79N, 15:81-15:82, 15:92, 15:94N, 15:96-15:97, 15:102, 15:104-15:105, 15:109-15:111N, 15:113, 15:117-15:118, 15:122, 15:125, 15:128-15:129, 15:135, 15:140, 15:145-15:147, 15:152, 15:159-15:160, 15:163-15:164, 15:166-15:167, 15:169, 15:171-15:172, 15:174-15:175, 15:178, 15:181N-15:184, 15:187, 15:190N, 15:192-15:193, 15:201, 15:203, 15:205-15:206, 15:211, 15:217, 15:225, 15:227-15:228, 15:231-15:232, 15:234, 15:244-15:245Q, 15:247, 15:251, 15:257-15:258N, 15:260-15:262N, 15:264	B62(15), Null, -							31					36							43					
*15:01:02	B62(15)							31		33			36							43					
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*15:03:03	B72(70)							31	32			35	36							43					
*15:04	B62(15)							31					36							43					
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
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*15:10:02	B71(70)							31	32						38					43					
*15:11:04	B75(15)												36							43					
*15:12, 15:14, 15:19	B76(15)							31					36	37						43					
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*15:16:01-15:16:02, 15:67, 15:95, 15:254	B63(15), -									33			36		38					43					
*15:16:03	-									33			36		38					43					
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*15:18:03	B71(70)								32				36		38					43					
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*15:21, 15:44	B75(15), -							31					36		38			41		43					
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*15:24, 15:87, 15:157	B62(15), -							31					36		38					43					
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*15:53, 15:212	-				28				32				36							43					
*15:54	-								32			35	36							43					
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
HLA-B allele[4]	**ser.[5]**																								
*15:55	B15			27				31					36							43					
*15:57	-							31					36							43					
*15:62	-								32			35	36					41		43					
*15:64:01-15:64:02	-								32			35	36							43					

*15:66	-							31					36		38					43					
*15:68	B35			27								35	36												
*15:69	-								32			35	36							43		45			
*15:73	B62(15)							31												43					
*15:74	-								32				36							43					
*15:76	-							31					36							43					
*15:77	-						30	31										41		43					
*15:80	B70								32				36		38			41		43					
*15:83	-							31	32											43					
*15:85	-							31					36					41		43					
*15:86	-							31												43					
*15:89	-			w				31					36					41		43					
*15:91, 15:131	-								32			35	36	37						43					
*15:101	-							31					36												
*15:106	-				28			31	32				36					41		43					
*15:116	-							31					36							43					
*15:124	-								32				36		38					43					
*15:137	-							31												43					
*15:138	-	25						31					36							43					
*15:142	-		26					31					36							43					
*15:143	-							31	32				36							43					
*15:144	-							31					36					41		43					
*15:154, 15:165	-							31					36					41		43					
*15:161	-								32				36	37	38					43					
*15:180	-		26										36												
*15:186	-								32				36		38					43		45			
*15:189	-						30	31					36		38					43					
*15:194	-							31					36					41		43					
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*15:222	-									33			36		38					43					
*15:224	-							31												43					
*15:230	-	25						31		33					38					43					
*15:233	-						30	31												43					
*15:236	-							31					36												
*15:241	-	25						31					36							43					
*15:243	-								32	33					38					43					
*15:253	-								32			35								43					
*15:255	-								32				36												
*15:259	-							31	32			35	36							43					
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
HLA-B allele[4]	**ser.[5]**																								
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*18:04	B18												36			39			42						
*18:09	B18												36			39									
*18:12	-												36			39			42						
*18:19	-												36			39			42						
*18:22, 18:69	-												36			39		41	42						
*18:26, 18:41, 18:61	-															39			42						
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*18:44:01-18:44:02	-				28								36			39			42						
*18:48	-												36			39									
*18:49, 18:79	-												36			39									
*18:54	-												36	37		39					44				
*18:56	-												36	37		39			42						
*18:66	-												36			39									
*18:67	-												36			39									
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*44:49	-		26		28													41							
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*44:60, 44:110	-			27	28													41							
*44:62	-				28				32	33								41							
*44:83, 44:145	-																	41							
*44:90	-				28													41							
*44:95	-				28													41							
*44:97	-				28													41							
*44:106	-			27	28																				
*44:127	-				28													41							
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*44:140	-				28							35						41							
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*45:06	-				28				32			35													48
*45:08	-				28				32																48
*45:09	-				28				32				36	37											48
*45:10	-				28				32		34														48
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*46:11	-							31																	
*46:12	-			27				31					36												
*46:17	-							31					36	37											
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48

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*46:32	-							31					36												
*46:33	-							31					36					41							
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*47:02	B47				28																				
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*48:04, 48:24	B48, -											35													48
*48:05, 48:08	B48, -	25										35													48
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*48:10, 48:12	B48, -											35													48
*48:13	-											35													48
*48:14	-											35	36												48
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*49:07	-				28						34														
*49:18	-				28					33															
*49:20	-				28							35													
*49:21	-				28																				
*49:25	-		26																						
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*50:07	-																								48
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
HLA-B allele[4]	ser.[5]																								
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*50:12	-				28																				48
*50:14	-				28					33															48
*50:15	-				28																				48
*50:17	-				28													41							48
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*51:04, 51:46, 51:56:01-51:56:02, 51:139	B51(5), -									33								41							
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*51:08, 51:20, 51:44N, 51:141	B51(5), Null, -								32	33															
*51:10	-																								48
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*51:42	B44(12)																	41							
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Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
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*51:62	-																								
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*51:106	-									33															
*51:112	-									33															
*51:148	-			27																					
*52:01:01:01-52:01:01:02, 52:01:03, 52:01:06-52:01:08, 52:01:11-52:01:14, 52:01:16, 52:04-52:05, 52:07-52:08, 52:10:01-52:13, 52:15, 52:17-52:18, 52:22-52:24, 52:27-52:31	B52(5), -									33															
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*52:01:10	-									33													46		
*52:16	-									33		35													
*52:19	-								32	33															
*52:20	-									33															
*52:21	-									33															
*52:25	-																								
*52:26	-						30			33															
*53:01:01-53:01:07, 53:05, 53:08:01-53:08:02, 53:10, 53:16, 53:18, 53:20-53:21, 53:23-53:27, 53:29	B53, -												36					41							
*53:02	-												36					41							
*53:03, 53:09, 53:11-53:13	B53, -												36					41							
*53:04, 53:07, 53:19	B53, -																	41							
*53:06	-												36					41							
*53:14	-			27									36												
*53:15	-												36					41							
*53:17:01-53:17:02	-												36					41							
*53:22	-												36	37				41							
*53:28	-									33			36					41							
*54:01:01, 54:01:03-54:02, 54:05N, 54:07-54:08N, 54:10, 54:13, 54:16-54:19, 54:21-54:25, 54:27-54:28	B54(22), Null, -																								
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
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*54:04, 54:15	-																								
*54:06	-												36												
*54:09, 54:14	-												36												
*54:11	B54(22)																								48
*54:12	-																								
*54:20	-																								
*54:26	-										34														
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*55:04, 55:08, 55:13, 55:27, 55:46, 55:49, 56:15, 56:19N, 56:22[12]	B55(22), B56(22), Null, -																								
*55:09, 55:24	B22, -										34														
*55:14	-												36					41							
*55:17, 55:28	-																								
*55:18	-											35													
*55:20	-								32																
*55:21	-																								
*55:22	B55(22)										34														
*55:23, 55:32, 56:18, 56:31-56:32[13]	-												36												
*55:34	-																								
*55:40	-																								
*55:51	-			27																					
*55:56	-								32																
*56:01:01-56:01:04, 56:08, 56:14, 56:16, 56:20:01, 56:24, 56:26-56:30, 56:34-56:36, 56:38N	B56(22), Null, -																								
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*56:03	B22												36												
*56:05:01	B56(22)									33															
*56:05:02	B56(22)									33															
*56:06	B78									33									42						
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Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
HLA-B allele[4]	ser.[5]																								
*56:09	-												36					41							
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*56:13	B56(22)								32																
*56:17, 56:33	-																								
*56:20:02	-																								48
*56:21	-									33															
*56:23	-																								
*56:25, 56:37	-																								
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*57:01:05, 57:11, 57:13, 57:21, 57:31, 57:47	B57(17), -												36												
*57:02:01-57:03:02, 57:17, 57:28N, 57:32, 57:39, 57:42, 57:46, 57:57	B57(17), Null, -																	41							
*57:04	B57(17)						30											41							
*57:05	-																	41							
*57:07	-																	41							
*57:09	-								32									41							
*57:12	-																	41							
*57:14	-												36					41							
*57:24	-												36					41							
*57:45, 57:51	-				28								36					41							
*57:59	-												36					41							
*58:01:01-58:01:02, 58:01:04-58:01:12, 58:04-58:05, 58:10N-58:15, 58:19, 58:21-58:24, 58:29, 58:31N-58:33, 58:35, 58:37, 58:39N	B58(17), Null, -												36					41							
*58:01:03, 58:02, 58:06, 58:16, 58:25-58:26, 58:38	B58(17), -												36												
*58:07	-												36	37											
*58:08:01	B17									33															
*58:08:02	-									33															
*58:09	-												36					41							
*58:17N	Null												36					41							
*58:18	-			27									36												
*58:20	-																					45			
*58:27	-																								
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
HLA-B allele[4]	**ser.[5]**																								
*58:28, 58:34	-																	41							
*58:36	-												36					41							
*59:01:01:01-59:01:01:02, 59:05	B59, -																								

*59:02-59:03	B59, -																								
*59:04	-																								
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*67:01:02-67:02	B67, -																					45			48
*73:01-73:02	B73, -																								48
*78:01:01-78:01:02, 78:02:02-78:03, 78:07	B78, -									33									42						
*78:02:01, 78:04	B78, -									33									42						
*78:05	-									33									42						
*78:06	-									33															
*81:01	B81																								
*81:02	B81																								48
*81:03-81:06	Null, -																								
*82:01-82:03	B82, -								32			35								43					
*83:01	-																	41							
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*A*24:174*														37											
*A*26:68, A*68:56, C*02:56, C*06:20, C*12:50*																									
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*C*01:73*								31																	
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*C*03:05, C*03:25, C*03:27, C*03:143, C*03:167*				27																					
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*C*03:102*																		41							
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*C*06:72*																									
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*C*15:02:04*																									
*C*15:25*																									
*C*15:39*																									
*C*15:51*																						45			
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48

INTERPRETATION TABLE

HLA-B low resolution SSP

Amplification patterns of the B*07:02 to B*83:01 alleles

Well																									
49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72		
180	290	105	325	115	215	130	90	90	145	120	430	145	300	160	180	180	90	90	95	115	360	350	285		Length of spec.
	465			160		270	410	175	430	210				330	210		240			150					PCR product(s)
				195																					
				225																					
				260																					
1070	1070	1070	800	1070	800	800	1070	1070	1070	800	1070	1070	1070	1070	1070	1070	800	1070	1070	1070	1070	1070	800		Length of int. pos. control[1]
355	72	540	1st I	355	141	209	41	209	48	357	49	206	1st I	15	141	420	209	208	206	165	1st I	1st I	355		5'-primer(s)[2]
5'-TCA 3'	5'-gCT 3'	5'-gAC 3'	5'-CAg 3'	5'-TCA 3'	5'-ATT 3'	5'-ggC 3'	5'-CTg 3'	5'-ggC 3'	5'-gCC 3'	5'-Tgg 3'	5'-CAg 3'	5'-gAA 3'	5'-CAg 3'	5'-gCA 3'	5'-ATT 3'	5'-TTA 3'	5'-ggC 3'	5'-CgT 3'	5'-gAC 3'	5'-ACC 3'	5'-CAg 3'	5'-CAg 3'	5'-TCA 3'		
363	209			418	357	209	368	363	206					418	420		209	209		463			363		
5'-Agg 3'	5'-ggC 3'			5'-Agg 3'	5'-Tgg 3'	5'-ggg 3'	5'-gTT 3'	5'-AgC 3'	5'-gAA 3'					5'-Agg 3'	5'-TTA 3'		5'-ggA 3'	5'-ggA 3'		5'-TgA 3'			5'-AgC 3'		
				499		355											362	369							
				5'-TCT 3'		5'-TCA 3'											5'-ggT 3'	5'-TAC 3'							
499	193	603	282	538	309	299	282	259	309	435	309	311	259	175	311	559	256	256	259	272	317	311	603		3'-primer(s)[3]
5'-ggA 3'	5'-CgT 3'	5'-gTg 3'	5'-gCC 3'	5'-gTC 3'	5'-ATC 3'	5'-TCA 3'	5'-gCC 3'	5'-gTT 3'	5'-ATC 3'	5'-TCT 3'	5'-ATC 3'	5'-ggT 3'	5'-CTC 3'	5'-CCg 3'	5'-ggT 3'	5'-CAg 3'	5'-CCC 3'	5'-CTC 3'	5'-gTT 3'	5'-TgC 3'	5'-ggA 3'	5'-ggT 3'	5'-gTg 3'		
	193	605		572	538	583	418	499		527			259	538	559		259	256		538			605		
	5'-TgT 3'	5'-gCT 3'		5'-gCg 3'	5'-gTC 3'	5'-gTg 3'	5'-gTC 3'	5'-ggA 3'		5'-CCT 3'			5'-CTC 3'	5'-gTC 3'	5'-CgT 3'		5'-CTT 3'	5'-CCC 3'		5'-CCA 3'			5'-gCT 3'		
	387												262				559	420							
	5'-TCg 3'												5'-TgC 3'				5'-CgT 3'	5'-gCT 3'							
49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72		Well No.
49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72		Well No.
																								ser.[5]	HLA-B allele[4]

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			52																			71	72	-	*07:02:32
																						71	72	B703, -	*07:03, 07:08, 07:16, 07:32, 07:37
		51	52																			71	72	B7, -	*07:04, 07:25, 07:146
			52																			71		B7, -	*07:07, 07:77
			52																			71	72	B7, -	*07:09, 07:11, 07:17, 07:162
			52																			71		B7, -	*07:19, 07:33, 07:40, 07:53, 07:122, 07:139, 07:165
			52																			71	72	B7, -	*07:20, 07:24, 07:131
																					70		72	-	*07:27
			52																			71	72	-	*07:28
			52																		70		72	-	*07:36, 07:81, 07:149
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49													62									71		-	*48:23
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										59			62			65						71		-	*50:06
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			52				56															71		B55(22)	*55:22
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			52				56									65					70			B56(22)	*56:07
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