

INTERPRETATION TABLE												
HLA-A*33 SSP subtyping												
Amplification patterns of the A*33:01 to A*33:67 alleles												
	Well¹¹											
	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	205	205	155	210	90	105	105	160	150	135	165	95
PCR product(s)						170	230	235	185	215		230
										285		
Length of int.	800	800	1070	1070	800	1070	1070	1070	800	800	1070	1070
pos. control¹												
5'-primer²	97	418	468	414	414	97	103	97	97	97	448	97
	5'-TCA ^{3'}	5'-Agg ^{3'}	5'-TCT ^{3'}	5'-CAG ^{3'}	5'-CAG ^{3'}	5'-TCA ^{3'}	5'-CCT ^{3'}	5'-TCA ^{3'}	5'-TCA ^{3'}	5'-TCA ^{3'}	5'-CCT ^{3'}	5'-TCA ^{3'}
						413	228	413	355	355	652	355
						5'-CCA ^{3'}	5'-ATg ^{3'}	5'-CCA ^{3'}	5'-CCg ^{3'}	5'-CCg ^{3'}	5'-CTg ^{3'}	5'-CCA ^{3'}
3'-primer(s)³	259	583	583	583	463	221	290	292	218	270	570	277
	5'-gTT ^{3'}	5'-gTg ^{3'}	5'-gTg ^{3'}	5'-gTA ^{3'}	5'-gCT ^{3'}	5'-ACA ^{3'}	5'-CAA ^{3'}	5'-gTg ^{3'}	5'-gCC ^{3'}	5'-ACT ^{3'}	5'-CCg ^{3'}	5'-gga ^{3'}
						233		530	221	277	778	290
						5'-CCC ^{3'}		5'-CCT ^{3'}	5'-ACA ^{3'}	5'-gga ^{3'}	5'-TgT ^{3'}	5'-CAG ^{3'}
						475			240	341		407
						5'-Cgg ^{3'}			5'-gga ^{3'}	5'-CgT ^{3'}		5'-ACT ^{3'}
									453	448		
									5'-Tcg ^{3'}	5'-CAA ^{3'}		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-A allele^{4,5}												
*33:01:01-33:01:07, 33:32:02, 33:49-33:50, 33:64, 33:67	1	2	3									
*33:03:01-33:03:13, 33:35, 33:37, 33:41, 33:43, 33:45-33:48, 33:55-33:57, 33:59-33:63, 33:65-33:66	1			4								
*33:04	1	2			5							
*33:05	1	2	3			6						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	205	205	155	210	90	105	105	160	150	135	165	95
PCR product(s)						170	230	235	185	215		230
										285		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*33:06	1			4			7					

*33:07	1	2	3					8				
*33:08				4					9	10		
*33:09 , 02:309, 26:22, 66:09 ⁶				4					9			
*33:10	1			4							11	
*33:11	1			4								12
*33:12	1			4								
*33:13	1			4						10		
*33:14	1			4					9			
*33:15	1			4								
*33:16	1	2	3									
*33:17	1			4								
*33:18:01-33:18:02	1											
*33:19	1											
*33:20	1			4		6						
*33:21				4								
*33:22	1			4					9	10		
*33:23	1			4								
*33:24	1			4				8				
*33:25	1			4							11	
*33:26	1			4								
*33:27	1	2	3									
*33:28	1			4								
*33:29 , 33:39 ⁷	1			4								
*33:30	1			4								
*33:31 , 33:44 ⁸	1			4								
*33:32:01	1	2	3									
*33:33	1			4	5							
*33:34	1	2	3									
*33:36	1			4								12
*33:40	1	2	3	4								
*33:42	1			4						10		12
*33:51 , 66:15 ⁹				4			7					
*33:52	1			4								
*33:53 , 31:02, 31:07-31:08 ¹⁰				4						10		
*33:54	1			4								
*33:58	1			4		6			9			
*01:20 , 01:66, 02:24:01, 02:137, 03:95, 30:47									9			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	205	205	155	210	90	105	105	160	150	135	165	95
PCR product(s)						170	230	235	185	215		230
										285		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

*26:24				4									
*26:68				4	5								
*29:03												11	
*29:07, 29:49													
*29:09													
*29:12					6				9				
*29:19								8					
*29:22									9	10			
*29:48								8	9	10			
*31:03										10			
*31:05, 32:13				4								11	
*31:24, 32:33:01				4									
*31:29, 31:48				4									
*31:54				4				8					
*31:66				4									12
*32:10				4									
*32:53				4									
*68:29	1												12
<i>B*51:136</i>													
HLA-A allele^{4,5}													
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	

INTERPRETATION TABLE

HLA-A*33 SSP subtyping

Amplification patterns of the A*33:01 to A*33:67 alleles

Well ¹¹												
13	14	15	16	17	18	19	20	21	22	23	24	
95	115	140	95	150	100	120	90	115	115	180	95	Length of spec.
165	335		210				225		255		205	PCR product(s)
			245									
1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	Length of int. pos. control ¹
395	317	158	97	161	390	448	397	463	652	112	448	5'-primer ²
5'-gCC 3'	5'-gCg 3'	5'-ggg 3'	5'-TCA 3'	5'-CgC 3'	5'-gAg 3'	5'-CCT 3'	5'-gCg 3'	5'-TgT 3'	5'-CTg 3'	5'-CCT 3'	5'-CCT 3'	
652	652	482	355	413			649			453		
5'-CTg 3'	5'-CTg 3'	5'-ggC 3'	5'-CCA 3'	5'-CCg 3'			5'-ACA 3'			5'-AAA 3'		
448	368	259	265	259	448	527	448	538	728	259	502	3'-primer(s) ³
5'-CAA 3'	5'-CAA 3'	5'-gTT 3'	5'-CCC 3'	5'-gTT 3'	5'-CAA 3'	5'-CCT 3'	5'-CAA 3'	5'-CAA 3'	5'-CCT 3'	5'-gTT 3'	5'-CTT 3'	
778	727	583	299	524			831		866	583	614	
5'-TgT 3'	5'-CCA 3'	5'-gTg 3'	5'-CCg 3'	5'-CAC 3'			5'-TCC 3'		5'-gAT 3'	5'-gTg 3'	5'-TgA 3'	
			407									
			5'-ACT 3'									
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												HLA-A allele ^{4,5}
												*33:01:01-33:01:07, 33:32:02, 33:49-33:50, 33:64, 33:67
												*33:03:01-33:03:13, 33:35, 33:37, 33:41, 33:43, 33:45-33:48, 33:55- 33:57, 33:59-33:63, 33:65-33:66
												*33:04
												*33:05
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
95	115	140	95	150	100	120	90	115	115	180	95	Length of spec.
165	335		210				225		255		205	PCR product(s)
			245									
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												*33:06

												*33:07
												*33:08
												*33:09, 02:309, 26:22, 66:09⁶
												*33:10
13												*33:11
												*33:12
												*33:13
												*33:14
14												*33:15
	15											*33:16
		16										*33:17
			17									*33:18:01-33:18:02
14												*33:19
												*33:20
			16									*33:21
												*33:22
	15											*33:23
												*33:24
13												*33:25
				17								*33:26
					18							*33:27
						19						*33:28
							20					*33:29, 33:39⁷
								21				*33:30
									22			*33:31, 33:44⁸
										23		*33:32:01
											24	*33:33
												*33:34
		16										*33:36
												*33:40
												*33:42
												*33:51, 66:15⁹
										23		*33:52
											24	*33:53, 31:02, 31:07-31:08¹⁰
												*33:54
												*33:58
												*01:20, 01:66, 02:24:01, 02:137, 03:95, 30:47
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
95	115	140	95	150	100	120	90	115	115	180	95	Length of spec.
165	335		210				225		255		205	PCR product(s)
			245									
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

													*02:10, 02:17:01-02:17:02, 02:39, 02:108, 02:110, 02:140, 02:148, 02:242, 02:244, 02:268, 02:300, 02:303, 02:398, 03:15, 03:19, 11:139, 24:04, 24:19, 24:28, 24:44, 24:89, 24:109, 24:129
													*02:24:02
													*02:41, 02:65, 02:80, 02:117, 02:135, 02:152, 02:289, 02:304, 03:103, 11:116, 23:45, 24:62, 25:01:01-25:22, 26:01:01-26:21, 26:23, 26:25N-26:39, 26:41-26:43:02, 26:45-26:67, 26:69-26:84, 29:32, 31:01:02-31:01:17, 31:09-31:23, 31:25-31:28, 31:30-31:47, 31:49-31:53, 31:55-31:65, 31:67-31:68, 31:70-31:71, 32:01:01-32:03, 32:05-32:09, 32:11Q-32:12, 32:14-32:29, 32:31, 32:33:02-32:40, 32:42-32:47, 32:49-32:52, 32:54-32:57, 34:01:01-34:01:02, 34:05-34:06, 43:01, 66:01-66:03, 66:05-66:08, 66:10-66:14, 66:16-66:19, 74:01-74:17
									22				*02:241
													*02:243
										23			*02:332, 24:220
								21					*02:342
						19						24	*03:01:18
						19							*03:22:02, C*02:02:15
				17									*03:42, 03:133, 23:53, 29:01:01:01-29:02:13, 29:04, 29:06, 29:08N, 29:10-29:11, 29:13-29:18, 29:20-29:21, 29:23-29:31, 29:34, 29:36-29:47, 29:50, 31:04, 31:06, 32:30, 32:32
													*03:104, 66:04
13	14	15	16	17	18	19	20	21	22	23	24	Well No.	
95	115	140	95	150	100	120	90	115	115	180	95	Length of spec.	
165	335		210				225		255		205	PCR product(s)	
			245										
13	14	15	16	17	18	19	20	21	22	23	24	Well No.	
											24	*11:01:28	
												*11:43	
												*11:98, 68:04	
												*23:03:01	
												*24:82	
											24	*24:208, 29:33	

									22			<i>*26:24</i>
												<i>*26:68</i>
				17								<i>*29:03</i>
14				17								<i>*29:07, 29:49</i>
				17						24		<i>*29:09</i>
				17								<i>*29:12</i>
				17								<i>*29:19</i>
				17								<i>*29:22</i>
				17								<i>*29:48</i>
				17								<i>*31:03</i>
												<i>*31:05, 32:13</i>
										24		<i>*31:24, 32:33:01</i>
14												<i>*31:29, 31:48</i>
												<i>*31:54</i>
												<i>*31:66</i>
						19						<i>*32:10</i>
							20					<i>*32:53</i>
												<i>*68:29</i>
										23		<i>B*51:136</i>
												HLA-A allele^{4,5}
13	14	15	16	17	18	19	20	21	22	23	24	Well No.