

INTERPRETATION TABLE

HLA-A*33 SSP subtyping

Amplification patterns of the A*33:01 to A*33:54 alleles

	Well ⁸											
	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	205	205	155	210	90	105	105	125	150	140	165	95
PCR product(s)						175	230	235	185	215		235
										285		
Length of int.	800	800	1070	1070	800	1070	1070	1070	800	800	1070	1070
pos. control ¹												
5'-primer ²	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	448	355	355	652	355
						5'-CCA ^{3'}	5'-ATg ^{3'}	5'-CCT ^{3'}	5'-CCg ^{3'}	5'-CCg ^{3'}	5'-CTg ^{3'}	5'-CCA ^{3'}
3'-primer(s) ³	259	583	583	583	463	233	290	292	218	270	570	290
	5'-gTT ^{3'}	5'-gTg ^{3'}	5'-gTg ^{3'}	5'-gTA ^{3'}	5'-gCT ^{3'}	5'-CCC ^{3'}	5'-CAA ^{3'}	5'-gTg ^{3'}	5'-gCC ^{3'}	5'-ACT ^{3'}	5'-CCg ^{3'}	5'-CAG ^{3'}
						475		530	240	341	778	407
						5'-Cgg ^{3'}		5'-CCT ^{3'}	5'-gga ^{3'}	5'-CgT ^{3'}	5'-TgT ^{3'}	5'-ACT ^{3'}
									453	453		
									5'-Tcg ^{3'}	5'-TCg ^{3'}		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-A allele^{4,5}												
*33:01:01-33:01:06, 33:49-33:50	1	2	3									
*33:03:01-33:03:09, 33:35, 33:37, 33:41-33:43, 33:45- 33:48, 33:52	1			4								
*33:04	1	2			5							
*33:05	1	2	3			6						
*33:06	1			4			7					
*33:07	1	2	3					8				
*33:08, 02:309, 26:22, 66:09 ⁶				4					9	10		
*33:09				4					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	125	150	140	165	95
PCR product(s)						175	230	235	185	215		235
										285		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

*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	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	1			4									
*33:30	1			4									
*33:31, 33:44	1			4									
*33:32	1	2	3										
*33:33	1			4	5								
*33:34	1	2	3										
*33:36	1			4									12
*33:38	1	2	3										
*33:40	1	2	3	4									
*33:51, 66:15 ⁷				4		7							
*33:53				4							10		
*33:54	1			4									
*01:20, 01:66, 02:24:01-02:24:02, 02:137, 03:95										9	10		
*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, 03:15, 03:19, 24:04, 24:19, 24:28, 24:44, 24:89, 24:109, 24:129													
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
Length of spec.	205	205	155	210	90	105	105	125	150	140	165	95	
PCR product(s)						175	230	235	185	215		235	
										285			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	

*02:41, 02:65, 02:80, 02:117, 02:135, 02:152, 02:289, 02:304, 03:103, 23:45, 24:62, 25:01:01- 25:16, 26:01:01-26:21, 26:23, 26:25N-26:39, 26:41-26:43:02, 26:45-26:67, 26:69-26:72, 29:32, 31:01:02-31:02, 31:07-31:23, 31:25-31:28, 31:30-31:47, 31:49- 31:53, 31:55-31:56, 31:58-31:59, 32:01:01-32:03, 32:05-32:09, 32:11Q-32:12, 32:14-32:29, 32:31, 32:34-32:37, 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, 74:01-74:15				4								
*02:241												
*02:243								8	9	10		
*02:332			3									
*03:01:18												
*03:22:02												
*03:104, 66:04		2	3									
*11:01:28, 29:09												
*11:43									10		12	
*11:98, 68:04							7					
*23:03:01											11	
*24:82									10			
*26:24				4								
*26:68				4	5							
*29:01:01:01-29:01:01:02N, 29:01:03-29:02:09, 29:04-29:06, 29:08N, 29:10-29:18, 29:20-29:31, 31:06, 32:30, 32:32												
*29:03											11	
*29:07												
*29:19								8				
*31:05, 32:13				4							11	
*31:24, 32:33				4								
*31:29, 31:48				4								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	205	205	155	210	90	105	105	125	150	140	165	95
PCR product(s)						175	230	235	185	215		235
										285		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*31:54				4				8				
*32:10				4								
*68:29	1											12
<i>C*02:02:15</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*33:54 alleles

Well ⁸												
13	14	15	16	17	18	19	20	21	22	23	24	
95	115	140	95	75	100	120	90	115	115	170	95	Length of spec.
165	335		210	140			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	453	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'-AAA ^{3'}	5'-CCT ^{3'}	
652	652	482	355	413			649					
5'-CTg ^{3'}	5'-CTg ^{3'}	5'-ggC ^{3'}	5'-CCA ^{3'}	5'-CCg ^{3'}			5'-ACA ^{3'}					
448	368	259	265	259	448	527	448	538	728	583	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'-TgT ^{3'}	5'-CTT ^{3'}	
778	727	583	299	448			831		866		614	
5'-TgT ^{3'}	5'-CCA ^{3'}	5'-gTg ^{3'}	5'-CCg ^{3'}	5'-CAA ^{3'}			5'-TCC ^{3'}		5'-gAT ^{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}
												*33:01:01-33:01:06, 33:49-33:50
												*33:03:01-33:03:09, 33:35, 33:37, 33:41-33:43, 33:45- 33:48, 33:52
												*33:04
												*33:05
												*33:06
												*33:07
												*33:08, 02:309, 26:22, 66:09 ⁶
												*33:09
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
95	115	140	95	75	100	120	90	115	115	170	95	Length of spec.
165	335		210	140			225		255		205	PCR product(s)
			245									
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

												*33:10
												*33:11
13												*33:12
												*33:13
	14											*33:14
		15										*33:15
			16									*33:16
				17								*33:17
	14											*33:18
												*33:19
												*33:20
			16									*33:21
		15										*33:22
												*33:23
												*33:24
13												*33:25
				17								*33:26
					18							*33:27
						19						*33:28
							20					*33:29, 33:39
								21				*33:30
									22			*33:31, 33:44
										23		*33:32
												*33:33
											24	*33:34
			16									*33:36
									22			*33:38
												*33:40
												*33:51, 66:15 ⁷
												*33:53
											24	*33:54
												*01:20, 01:66, 02:24:01-02:24:02, 02:137, 03:95
	14											*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, 03:15, 03:19, 24:04, 24:19, 24:28, 24:44, 24:89, 24:109, 24:129
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
95	115	140	95	75	100	120	90	115	115	170	95	Length of spec.
165	335		210	140			225		255		205	PCR product(s)
			245									
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

