

INTERPRETATION TABLE

HLA-Cw*04 SSP subtyping

Amplification patterns of the Cw*0401 to Cw*0453 alleles

	Well ⁹														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Length of spec.	250	220	145	210	250	95	145	270	110	195	180	125	225	155	170
PCR product									180	220		165	270	190	190
Length of int. pos. control ¹	800	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
5'-primer(s) ²	2 nd I	112	112	118	2 nd I	98	112	2 nd I	391	112	201	218	112	105	412
	5'-CCA ^{3'}	5'-CCT ^{3'}	5'-CCT ^{3'}	5'-CCA ^{3'}	5'-CCA ^{3'}	5'-CTC ^{3'}	5'-CCT ^{3'}	5'-CCA ^{3'}	5'-ACC ^{3'}	5'-CCT ^{3'}	5'-CCA ^{3'}	5'-ggA ^{3'}	5'-CCT ^{3'}	5'-gCT ^{3'}	5'-ATA ^{3'}
							459		1018	368				368	697
							5'-gAT ^{3'}		5'-gTg ^{3'}	5'-gTT ^{3'}				5'-gTT ^{3'}	5'-TCC ^{3'}
3'-primer(s) ³	539	289	218	289	539	154	218	559	459	289	341	302	295	218	539
	5'-TCC ^{3'}	5'-AgC ^{3'}	5'-gCT ^{3'}	5'-AgC ^{3'}	5'-TCA ^{3'}	5'-CAG ^{3'}	5'-gCg ^{3'}	5'-CAG ^{3'}	5'-AgA ^{3'}	5'-AgT ^{3'}	5'-CgT ^{3'}	5'-ggC ^{3'}	5'-TCC ^{3'}	5'-gCT ^{3'}	5'-TCT ^{3'}
		289		289			559		1052	521		341	343	514	846
		5'-AgC ^{3'}		5'-AgC ^{3'}			5'-CTC ^{3'}		5'-Tgg ^{3'}	5'-ggA ^{3'}		5'-Cgg ^{3'}	5'-T ^{3'}	5'-CTT ^{3'}	5'-CAC ^{3'}
									1092					527	
									5'-TTA ^{3'}					5'-CCg ^{3'}	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
HLA-Cw allele ⁴															
*04010101-040109, 040111-040115	1	2	3								11				
*040110	1	2	3												
*0403	1			4							11				
*040401, 040402		2	3		5						11				
*0405	1	2	3			6					11				
*0406				4	5						11				
*0407	1	2					7				11				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Length of spec.	250	220	145	210	250	95	145	270	110	195	180	125	225	155	170
PCR product									180	220		165	270	190	190
									220						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
*0408	1	2	3					8			11				
*0409N	1	2	3						9		11				
*0410	1		3							10	11				
*0411	1		3							10		12			
*0412	1	w	3								11		13		
*0413		2	3		5						11			14	
*0414		2	3								11				15
*041501	1	2	3								11				
*041502, 0444, 0447 ⁵	1	2	3								11				
*0416	1										11			14	
*0417	1	2	3								11				
*0418	1	2	3								11			14	
*0419	w	2	3								11				
*0420	1	2	3								11				
*0423, 0438, 0439 ⁶	1	2	3								11				
*0424	1	2	3								11				
*0425, 0440, 0441 ⁷	1	2	3								11				
*0426	1	2	3								11				
*0427	1	2					7								
*0428	1	2	3								11				15
*0429	1	2	3								11	12			
*0430	1	2	3						9		11				
*0431	1	2	3							10	11				
*0432	1	2	3				7				11				
*0433	1	2	3									12			
*0434		2	3		5			8			11				
*0435	1	2	3						9		11				
*0436	1		3							10	11	12			
*0437	1	2	3								11				
*0442	1										11				
*0443	1	2	3								11				
*0445	1	2	3								11				
*0446, 0450 ⁸	1	2	3								11				
*0448	1	2	3								11				
*0449	1	2	3								11				
*0451	1	2	3								11				
*0452	1	2	3										13		
*0453	1	2	3								11				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Length of spec.	250	220	145	210	250	95	145	270	110	195	180	125	225	155	170
PCR product									180	220		165	270	190	190
									220						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
*010201-0121, 0123-0134, 020201-020203, 020205-020211, 0204-0211, 0213-0215, 0217, 0219-0231, 05010101-050111, 0503-0510, 0512-0516, 0518-0524, 0526, 0528-0534, 06020101, 06020102, 060203-0603, 0606-0629, 080201-080203, 0805, 0807, 0812, 0815, 0817-0819, 0823, 0825, 0827, 0829-0831, 120201-1213, 1215-1217, 1221-1227, 1229-1231, 140201-1405, 1407N, 1408, 1410-1414, 1508, 160401, 1801, 1802	1														
*0122, 0203, 021601, 021602, 0218, 0511, 0517, 0604, 080101, 080102, 080301-0804, 0806, 0808-0811, 0813, 0814, 0816, 0820-0822, 0824, 0826N, 121401, 121402, 1218, 1220, 1406, 1415, 150201-1507, 1509-1513, 1516-1524, 1526, 17010101-1706					5										
*0212	1			4											
*0305, 0325, 0327															
*0334							7								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Length of spec.	250	220	145	210	250	95	145	270	110	195	180	125	225	155	170

PCR product									180	220		165	270	190	190
									220						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
*0525, 0605, 0828, 1228	1										11				
*0527, 1515, B*5802					5			8							
*070209, 1525											11				
*0708														14	
*0764		2						7							
*1409	1														
*1803	1							7							
HLA-Cw allele ⁴															
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A*2496															15
B*0790															
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

INTERPRETATION TABLE

HLA-Cw*04 SSP subtyping

Amplification patterns of the Cw*0401 to Cw*0453

Well⁹

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
130	320	225	110	165	85	130	85	160	190	215	125	215	185	75	180
			130	250	145		145				285				
			155	545	240		215								
1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	800	800	1070	1070	1070	1070
368	379	368	347	112	368	127	172	89	368	112	368	368	112	503	81
5'-gTg ^{3'}	5'-ACg ^{3'}	5'-gTT ^{3'}	5'-gTA ^{3'}	5'-CCT ^{3'}	5'-gTT ^{3'}	5'-ggA ^{3'}	5'-TCC ^{3'}	5'-gAT ^{3'}	5'-gTT ^{3'}	5'-CCT ^{3'}	5'-gTT ^{3'}	5'-gTT ^{3'}	5'-CCT ^{3'}	5'-CCg ^{3'}	5'-Cag ^{3'}
369			368				355	97							
5'-TAC ^{3'}			5'-gTg ^{3'}				5'-CCT ^{3'}	5'-TCg ^{3'}							
			391				670	1018							
			5'-ACC ^{3'}				5'-CCg ^{3'}	5'-gTg ^{3'}							
459	3 rd I	550	459	238	412	218	218	218	518	284	454	544	256	539	218
5'-Aga ^{3'}	5'-ACg ^{3'}	5'-CAT ^{3'}	5'-Aga ^{3'}	5'-CCA ^{3'}	5'-gTC ^{3'}	5'-gCT ^{3'}	5'-gCT ^{3'}	5'-gCT ^{3'}	5'-CCA ^{3'}	5'-gTA ^{3'}	5'-CTg ^{3'}	5'-ggg ^{3'}	5'-CCA ^{3'}	5'-TCC ^{3'}	5'-gCT ^{3'}
				319	472		459	1052			613				
				5'-gCT ^{3'}	5'-ggC ^{3'}		5'-Aga ^{3'}	5'-Tgg ^{3'}			5'-gCA ^{3'}				
				368	568		846								
				5'-CAT ^{3'}	5'-CTg ^{3'}		5'-CAC ^{3'}								
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

130	320	225	110	165	85	130	85	160	190	215	125	215	185	75	180
			130	250	145		145				285				
			155	545	240		215								
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
16															
				20											
	17			20											
		18													
			19												
					21										
						22									
							23								
								24							
									24						
			19												
16			19					24							
									25						
										26					
											27				
												28			
													29		
															31
														30	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

130	320	225	110	165	85	130	85	160	190	215	125	215	185	75	180
			130	250	145		145				285				
			155	545	240		215								
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
16															
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
130	320	225	110	165	85	130	85	160	190	215	125	215	185	75	180

			130	250	145		145				285				
			155	545	240		215								
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
16															
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
														30	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

alleles
Length of spec. PCR product
Length of int. pos. control¹
5'-primer(s)²
3'-primer(s)³
Well No.
HLA-Cw allele⁴
*04010101-040109, 040111-040115
*040110
*0403
*040401, 040402
*0405
*0406
*0407
Well No.

Length of spec. PCR product
Well No.
*0408
*0409N
*0410
*0411
*0412
*0413
*0414
*041501
*041502, 0444, 0447 ⁵
*0416
*0417
*0418
*0419
*0420
*0423, 0438, 0439 ⁶
*0424
*0425, 0440, 0441 ⁷
*0426
*0427
*0428
*0429
*0430
*0431
*0432
*0433
*0434
*0435
*0436
*0437
*0442
*0443
*0445
*0446, 0450 ⁸
*0448
*0449
*0451
*0452
*0453
Well No.

Length of spec. PCR product
Well No.
*010201-0121, 0123-0134, 020201-020203, 020205-020211, 0204-0211, 0213-0215, 0217, 0219-0231, 05010101-050111, 0503-0510, 0512-0516, 0518-0524, 0526, 0528-0534, 06020101, 06020102, 060203-0603, 0606-0629, 080201-080203, 0805, 0807, 0812, 0815, 0817-0819, 0823, 0825, 0827, 0829-0831, 120201-1213, 1215-1217, 1221-1227, 1229-1231, 140201-1405, 1407N, 1408, 1410-1414, 1508, 160401, 1801, 1802
*0122, 0203, 021601, 021602, 0218, 0511, 0517, 0604, 080101, 080102, 080301-0804, 0806, 0808-0811, 0813, 0814, 0816, 0820-0822, 0824, 0826N, 121401, 121402, 1218, 1220, 1406, 1415, 150201-1507, 1509-1513, 1516-1524, 1526, 17010101-1706
*0212
*0305, 0325, 0327
*0334
Well No.
Length of spec.

PCR product
Well No.
*0525, 0605, 0828, 1228
*0527, 1515, B*5802
*070209, 1525
*0708
*0764
*1409
*1803
HLA-Cw allele⁴
Well No.
A*2496
B*0790
Well No.