

INTERPRETATION TABLE

DRB1*04 SSP subtyping

Allele-specific amplification patterns of the DRB1*0401 to *0473 alleles

	Well ⁴																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Length of spec.	215	215	225	225	170	115	260	260	215	170	175	180	170	200	215	150	110	145	140	100
PCR product											220	265	225	220			190		210	175
																				255
Length of int.	515	430	430	515	430	430	430	430	430	515	430	515	430	430	430	515	430	430	515	430
pos. control ¹																				
5'-primer(s) ²	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	37	13	13	13	13
	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CC ^{3'}	5'-g TA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}
3'-primer(s) ³	71	71	74	74	57	37	86	86	71	57	58	59	56	67	71	74	37	47	46	33
	5'-CTT ^{3'}	5'-CTC ^{3'}	5'-C CT ^{3'}	5'-C Cg ^{3'}	5'-gCT ^{3'}	5'-C gg ^{3'}	5'-C AC ^{3'}	5'-C CA ^{3'}	5'-CCT ^{3'}	5'-ATC ^{3'}	5'-C CT ^{3'}	5'-CTg ^{3'}	5'-AgC ^{3'}	5'-gAT ^{3'}	5'-CTT ^{3'}	5'-C CT ^{3'}	5'-gTT ^{3'}	5'-g gA ^{3'}	5'-TA g ^{3'}	5'-CgC ^{3'}
									71	57	73	88	74	73			60		70	58
									5'-CCT ^{3'}	5'-ATC ^{3'}	5'-g gC ^{3'}	5'-AA T ^{3'}	5'-CA g ^{3'}	5'-ggA ^{3'}			5'-gTT ^{3'}		5'-T CC ^{3'}	5'-C gC ^{3'}
																	67			85
																	5'-gAA ^{3'}			5'-C Ag ^{3'}
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
DRB1 allele																				
*040101-040103	1			4			7			10										
*0402		2		4				8		10				14						
*040301-040304			3					8	9	10						16				
*0404				4				8	9	10										
*040501-040505				4	5		7		9											
*040601-040602			3			6		8	9	10										
*040701-040703			3				7		9	10						16				
*0408				4			7		9	10										
*0409	1			4	5		7													
*0410				4	5			8	9											
*0411			3		5			8	9							16				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Length of spec.	215	215	225	225	170	115	260	260	215	170	175	180	170	200	215	150	110	145	140	100
PCR product											220	265	225	220			190		210	175
																				255
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
*0412					5			8	w				13	14						
*0413	1			4				8		10										
*0414		2		4			7			10				14						
*0415				4				8	9		11						17			
*0416	1			4			7			10		12								
*0417			3		5		7		9							16				
*0418								8	w	10			13	14						
*0419				4		6	7		9	10										
*0420			3			6	7		9	10										
*0421	1			4		6	7			10										
*0422								8		10	11									
*0423				4				8	9	10		12								
*0424				4	5		7		9									19		
*0425								8	w	10			13				17			
*0426	1			4			7			w										
*0427			3					8	9	10						16				20
*0428				4	5		7		9								18			
*0429				4	5		7		9											
*0430				4	5		7		9											
*0431							7		w	10			13							
*0432				4				8	9	10										
*0433	1			4			7			10										
*0434														15						
*0435	1			4			7			10							18			
*0436				4				8	9	10							17			
*0437		2		4				8		10										
*0438	1			4			7			10				14						
*0439			3					8	9	10						16			19	
*0440				4				8	9	10									20	
*0441			3					8	9	10							17			
*0442				4				8	9	10								18		
*0443				4			7		9	10							18			
*0444				4				8	9	10										
*0445				4	5		7		9											
*0446			3			6		8	9	10			13							
*0447				4			7		9	10							17			
*0448				4	5		7		9					14						
*0449			3			6		8	9	10										
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Length of spec.	215	215	225	225	170	115	260	260	215	170	175	180	170	200	215	150	110	145	140	100
PCR product											220	265	225	220			190		210	175
																				255
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
*0450			3					8	9	10						w				
*0451			3					8	9	10						16				
*0452			3					8	9	10		12				16				
*0453				4				8	9	10					14					
*0454							7		9	10			13				17			
*0455								8	9	10			13							
*0456				4				8	9	10				14						
*0457				4	5		7		9								17			
*0458								8	9	10			13							
*0459			3					8	9	10						16		18		
*0460			3					8	9	10						16				
*0461				4			7		9		11									
*0462	1			4			7													
*0463	1			4			7			10										20
*0464																				
*0465			3			6		8		10										
*0466																				
*0467	1			4	5			8												
*0468				4		6		8	9	10										
*0469			3				7		9							16		19		
*0470				4				8	9	10										
*0471			3					8	9	10						16				
*0472	1			4			7			10										
*0473				4				8							14					
*0103, 111101- 111102, 111401- 111402, 1120, 1168, 130201-130203, 1323, 1329, 1331, 1334, 1336, 1337, 1339, 1341, 1345, 1363, 1367, 1373, 1374																				
*0110, 0116, 030201- 030202, 030501- 030502, 0309, 0314, 0317, 0327, 0329, 0335, 0338, 1419																				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Length of spec.	215	215	225	225	170	115	260	260	215	170	175	180	170	200	215	150	110	145	140	100
PCR product											220	265	225	220			190		210	175
																				255
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
*0117, 1451																				
*0312, 0806, 0810, 0812, 0822, 1358, 1465, 1512																				
*0829																w				
*090102-0902, 0904, 0905, 140701- 140702, 1414, 1436, 144401-144402, 1468																				
*1122				4			7		9		11						17	18		
*1153																w				
*115401-115402, 1458																w				
*130301-130302, 1333, 1338, 1365, 1366																				
*1304, 1332, 1348, 1375, 1381																				
*1410			3					8	9										19	
*1442																w				
*1457		2		4				8						14						
DRB1 allele																				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
DRB3*01010201- 0111, 020201-0203, 0205-0213, 0215- 0223, 0303																				
DRB5*0112																				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

INTERPRETATION TABLE																				
DRB1*04 SSP subtyping																				
Allele-specific amplification patterns of the DRB1*0401 to *0473 alleles																				
Well ⁴																				
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
155	230	120	85	125	200	120	90	75	80	85	115	215	260	245	240	235	215	175	150	Length of spec.
200		235		230		265		260		260										PCR product
				260																
515	430	430	430	430	515	515	430	430	430	430	430	430	515	430	515	430	515	430	430	Length of int.
																				pos. control ¹
13	13	13	71	13	13	11	57	13	57	13	13	13	13	13	13	13	13	13	13	5'-primer(s) ²
5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-g AA ^{3'}	5'-A TA ^{3'}	5'-A CA ^{3'}	5'-Ag A ^{3'}	5'-AgC ^{3'}	5'-A TA ^{3'}	5'-AgC ^{3'}	5'-A TA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-g TC ^{3'}	5'-A CA ^{3'}	5'-A CC ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	
				23		57		74		71										
				5'-g CC ^{3'}		5'-AgC ^{3'}		5'-C gA ^{3'}		5'-C gA ^{3'}										
				58		63				71										
				5'-AT A ^{3'}		5'-CC A ^{3'}				5'-C AA ^{3'}										
51	72	39	86	86	67	86	74	86	71	86	37	71	86	81	86	77	71	57	49	3'-primer(s) ³
5'-C CA ^{3'}	5'-C CT ^{3'}	5'-A gT ^{3'}	5'-C AC ^{3'}	5'-C AC ^{3'}	5'-gAg ^{3'}	5'-C CA ^{3'}	5'-C CT ^{3'}	5'-C AC ^{3'}	5'-g CT ^{3'}	5'-C AC ^{3'}	5'-C gT ^{3'}	5'-CCA ^{3'}	5'-C AC ^{3'}	5'-gTA ^{3'}	5'-C CA ^{3'}	5'-Ag T ^{3'}	5'-CgC ^{3'}	5'-C Ag ^{3'}	5'-C CA ^{3'}	
67	78	77																		
5'-gAT ^{3'}	5'-gTg ^{3'}	5'-TA A ^{3'}																		
67																				
5'-gAg ^{3'}																				
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Well No.
																				DRB1 allele
			24		26						32									*040101-040103
											32									*0402
					26						32									*040301-040304
					26						32									*0404
					26						32									*040501-040505
					26															*040601-040602
					26			29			32									*040701-040703
					26						32									*0408
			24		26				30		32									*0409
					26	27					32									*0410
					26	27	28				32									*0411
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Well No.

155	230	120	85	125	200	120	90	75	80	85	115	215	260	245	240	235	215	175	150	Length of spec.	
200		235		230		265		260		260										PCR product	
				260																	
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Well No.	
					27						32									*0412	
					26						32									*0413	
										31	32									*0414	
											32									*0415	
			24		26						32									*0416	
					26		28	29			32									*0417	
											32									*0418	
					26															*0419	
					26			29												*0420	
			24		26															*0421	
					26						32					37				*0422	
					26						32									*0423	
					26						32									*0424	
											32									*0425	
			24	25	26						32									*0426	
					26						32									*0427	
					26						32									*0428	
21					26						32									*0429	
					26						32								40	*0430	
					26						32									*0431	
					26						32									*0432	
		23	24		26						32									*0433	
			24								32									*0434	
			24		26						32									*0435	
											32									*0436	
21											32									*0437	
21			24								32									*0438	
					26						32									*0439	
					26						32									*0440	
					26						32									*0441	
					26						32									*0442	
					26						32									*0443	
		23			26						32									*0444	
				25	26						32									*0445	
					26															*0446	
											32									*0447	
					26						32									*0448	
					26	27														*0449	
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Well No.	

155	230	120	85	125	200	120	90	75	80	85	115	215	260	245	240	235	215	175	150	Length of spec.
200		235		230		265		260		260										PCR product
				260																
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Well No.
	22				26						32									*0450
					26						32			35						*0451
					26						32									*0452
											32									*0453
											32									*0454
					26						32									*0455
21											32									*0456
					26						32									*0457
21											32									*0458
					26						32									*0459
					26	27					32									*0460
					26						32									*0461
			24		26						32							39		*0462
			24		26						32									*0463
			24	25				29		31										*0464
					26							33								*0465
			24										34							*0466
					26	27			30		32									*0467
					26															*0468
					26			29			32						39			*0469
					26						32			35						*0470
					26						32				36					*0471
			24		26						32					37				*0472
21											32						38			*0473
																				*0103, 111101- 111102, 111401- 111402, 1120, 1168, 130201-130203, 1323, 1329, 1331, 1334, 1336, 1337, 1339, 1341, 1345, 1363, 1367, 1373, 1374
			24																	*0110, 0116, 030201- 030202, 030501- 030502, 0309, 0314, 0317, 0327, 0329, 0335, 0338, 1419
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Well No.

155	230	120	85	125	200	120	90	75	80	85	115	215	260	245	240	235	215	175	150	Length of spec.
200		235		230		265		260		260										PCR product
				260																
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Well No.
								29												*0117, 1451
						27														*0312, 0806, 0810, 0812, 0822, 1358, 1465, 1512
							28													*0829
								w												*090102-0902, 0904, 0905, 140701- 140702, 1414, 1436, 144401-144402, 1468
			24								32									*1122
																				*1153
																				*115401-115402, 1458
									30	31										*130301-130302, 1333, 1338, 1365, 1366
						27					30									*1304, 1332, 1348, 1375, 1381
					26													39		*1410
								w												*1442
																		39		*1457
																				DRB1 allele
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Well No.
			24																	DRB3*01010201- 0111, 020201-0203, 0205-0213, 0215- 0223, 0303
								w												DRB5*0112
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Well No.