

INTERPRETATION TABLE																
DRB1*14 SSP subtyping																
Amplification patterns of the DRB1*1401 to DRB1*1474 alleles																
	Tube ⁴															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	210	175	140	85	260	260	225	135	130	175	85	225	115	60	185	105
PCR product								170	250		170			130		
											215					
Length of int.	515	430	430	430	430	515	430	430	430	430	430	515	430	515	430	430
pos. control ¹																
5'-primer(s) ²	13	13	37	13	13	13	13	13	16	11	16	13	34	37	37	57
	5'-g TC ³	5'-g TC ³	5'-Ag A ³	5'-g TC ³	5'-g TC ³	5'-g TC ³	5'-g TC ³	5'-g gg ³	5'-CAA ³	5'-AC C ³	5'-gT T ³	5'-g TC ³	5'-CAg ³	5'-Ag A ³	5'-Ag A ³	5'-gAT ³
								16	57	13	60			60	37	
								5'-gT T ³	5'-C TA ³	5'-A CA ³	5'-Ag C ³			5'-Ag C ³	5'-g TT ³	
								25								
								5'-g CA ³								
3'-primer(s) ³	70	57	70	28	86	86	74	57	86	57	58	74	60	67	85	78
	5'-T CC ³	5'-C Ag ³	5'-CTg ³	5'-CT C ³	5'-C AC ³	5'-C CA ³	5'-C Ag ³	5'-C Ag ³	5'-C CA ³	5'-C Ag ³	5'-C CT ³	5'-C CT ³	5'-gTg ³	5'-gAA ³	5'-C Ag ³	5'-CA A ³
			71								74					
			5'-CTT ³								5'-CgC ³					
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRB1 allele ⁵																
*140101-140103	+	+				+						+	+			
*1402			+	+	+											
*140301-142302				+	+		+									
*1404								+					+			
*140501-140502	+					+			+			+				+
*140503	+					+			+			+				
*1406			+	+		+										
*140701	+	+			+							+	+			
*140702	+	+			+							+	+			
*1408, 1152	+					+						+	+			+
*1409			+		+											
*1410										+			+			
*1411, 1204, 1209											+					+
*1412				+		+	+									
*1413			+	+	+											
*1414	+				+							+				+
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	210	175	140	85	260	260	225	135	130	175	85	225	115	60	185	105
PCR product								170	250		170			130		
											215					
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1415, 0809, 0821																
*1416		+				+					+		+			
*1417			+			+										
*1418	+			+		+						+				+
*1419			+	+	+											
*1420				+		+										
*1421			+			+										
*1422		+			+						+		+	+		
*142301-142302, 1117	+					+						+				+
*1424				+	+											
*1425		+			+						+			+		
*1426	+	+				+		+				+	+			
*1427				+	+		+							+		
*1428								+					+		+	
*1429			+	+		+									+	
*1430			+		+											
*1431								+			+		+			
*143201-143202	+	+				+					+		+			
*1433			+			+						+				
*1434	+					+					+		+			+
*1435	+	+				+						+	+			
*1436	+				+							+				+
*1437, 1348, 1358						+			+							
*1438	+	+				+						+	+			
*1439	+	+				+				+		+	+			
*1440				+	+		+									
*1441				+	+											
*1442	+				+							+				+
*1443	+					+			+			+				+
*144401	+				+							+				+
*144402	+				+							+				
*1445	+					+			+			+				+
*1446			+													
*1447			+	+	+											
*1448			+	+	+											
*1449		+		+	+						+		+			
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	210	175	140	85	260	260	225	135	130	175	85	225	115	60	185	105
PCR product								170	250		170			130		
											215					
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1450								+					+			
*1451			+	+	+							+				
*1452			+								+					
*1453		+			+						+			+		
*1454	+	+				+						+	+			
*1455	W	+				+	+						+			
*1456	+					+			+			+				+
*1457										+						
*1458	+	+				+						+				
*1459	+					+						+				+
*1460	+	+				+						+	+			
*1461								+					+			
*1462	+	+				+			+			+	+			
*1463				+	+		+									
*1464	+					+						+				+
*1465	+					+			+							
*1467				+	+		+									
*1468								+					+			
*1469		+			+						+					
*1470	+	+				+						+	+			
*1471								+					+			
*1472	+					+						+	+			+
*1473								+					+	+		
*1474		+				+					+		+			
*010201-010204																+
*0114											+					
*030101, 030103- 030106, 0307, 0308, 0313, 0315, 0319, 0322, 0323, 0328, 0332-0334, 0336, 0337, 0339, 1116, 130101-130102, 1306, 1320, 1327, 1328, 1351, 1359, 1369, 1371, 1378, 1379						+										
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	210	175	140	85	260	260	225	135	130	175	85	225	115	60	185	105
PCR product								170	250		170			130		
											215					
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*030102, 1361						+										
*030201				+	+											
*030202				+	+											
*0303, 1353				+		+										
*0304, 0321, 0325, 0330, 110201- 110402, 110404, 110601, 1107, 1118, 1121, 1134-1136, 1138, 1142-1144, 1146, 1147, 1157, 1160, 1163, 116501- 116502, 1311, 1322, 1324, 1344, 1352, 1368						+										
*030501-030502, 0309, 0314, 110101- 110104, 110106, 110801-110802, 1110-111202, 111401-1115, 111901-1120, 1124, 1126, 112702, 1129, 1132, 1133, 1139, 1149, 1151, 1161, 1162, 1166, 130201- 130203, 131401- 131402, 1323, 1325, 1329, 1339, 1341, 1356, 1362, 1373, 1374					+											
*0306, 0326, 1340						+										
*0310		+				+							+			
*0311						+						+				
*0312						+			+							
*0316, 1335,1380						+										
*0317					+							+				
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	210	175	140	85	260	260	225	135	130	175	85	225	115	60	185	105
PCR product								170	250		170			130		
											215					
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*0318						+										
*0320						+									+	
*0324						+						+				
*0327				+	+							+				
*0329				+	+											
*0331, 1141, 1148, 1150, 1156, 1370						+										
*0335					+							+				
*0338				+	+											
*0410, 0411, 0467									+							
*0412, 0806, 0810, 0812, 0822									+							
*0418, 080101- 080203, 080302- 080404, 0807, 0813, 0814, 0816, 0817, 0819, 0823, 0826- 0828, 0830, 0832- 0834, 1521																
*0462										+	+					
*0469										+						
*0706								+								
*0805, 0818, 0824, 0825, 0831, 120101- 120202, 120302, 1206-1208, 1210- 1213, 1216, 1317											+					
*0808								+						+		
*0811								W								
*0815																
*0820						+	+									
*0903, 1608														+		
*110105					+											+
*110107					+											
*110403, 110602						+										+
*1109, 1128, 130501- 130502, 1350, 1363					+									+		
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	210	175	140	85	260	260	225	135	130	175	85	225	115	60	185	105
PCR product								170	250		170			130		
											215					
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1113	+					+										+
*1123, 1145, 1164					+		+									
*1125, 1155						+	+									
*112701					+											
*1131					+											
*1137, 130701- 130702, 1336, 1360					+											
*1140, 1342						+								+		
*1153					+							+				
*115401						+						+				+
*115402						+						+				
*1158, 1159						+								+		
*1205, 1214, 1215											+				+	
*130103						+										+
*130301-130302, 1333					+											
*1304						+			+							
*1308						+										
*1309						+										
*1310						+										
*1312, 1338, 1349					+											
*1313, 1355					+		+									
*1315				+		+										
*1316																
*1318						+	+							+		
*1319				+		+										
*1321, 1330					+											
*1326				+	+									+		
*1331, 1346					+											
*1332						+			+							
*1334					+											
*1337					+											
*1343		+				+					+		+			
*1345		+			+						+					
*1347					+		+									
*1354						+										
*1357				+		+										
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	210	175	140	85	260	260	225	135	130	175	85	225	115	60	185	105
PCR product								170	250		170			130		
											215					
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1364						+										
*1365					+											
*1366					+											
*1372						+			+							
*1375						+			+							
*1376						+						+				+
*1377						+										
*1381						+			+							
*1503, 1523																
*1512									+							
DRB1 allele ⁵																
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRB3*0216																
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

INTERPRETATION TABLE																
DRB1*14 SSP subtyping																
Amplification patterns of the DRB1*1401 to DRB1*1474 alleles																
Tube ⁴																
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
220	85	145	60	170	145	145	115	120	190	220	230	135	200	80	100	Length of spec.
			110	215			135	210	250	250		175			145	PCR product
			170					250								
			215													
430	430	430	430	515	430	430	430	430	515	515	430	515	430	515	430	Length of int.
																pos. control ¹
13	13	37	11	13	13	13	13	16	16	10	13	13	30	37	37	5'-primer(s) ²
5'-g TC ³	5'-g TC ³	5'-g TT ³	5'-AC C ³	5'-g TC ³	5'-g TC ³	5'-g TC ³	5'-g TC ³	5'-CAA ³	5'-CAA ³	5'-g CT ³	5'-g TC ³	5'-g TC ³	5'-gA C ³	5'-g TT ³	5'-Ag A ³	
			16					60	112	16	16		37			
			5'-gT T ³					5'-Ag C ³	5'-AC T ³	5'-gT T ³	5'-gT T ³		5'-Ag A ³			
			34													
			5'-CAA ³													
			67													
			5'-AC A ³													
71	28	71	57	57	47	47	38	73	67	70	77	45	86	60	57	3'-primer(s) ³
5'-CTT ³	5'-CT g ³	5'-CTC ³	5'-C Ag ³	5'-gCT ³	5'-g gT ³	5'-g gA ³	5'-CAg ³	5'-ggA ³	5'-gAT ³	5'-CTg ³	5'-TA A ³	5'-CCT ³	5'-C CA ³	5'-gTg ³	5'-gCT ³	
77	28	74	74	71			45	86	181	86		57			71	
5'-ggC ³	5'-CT g ³	5'-CAg ³	5'-CAg ³	5'-CgC ³			5'-CCg ³	5'-C AC ³	5'-gT T ³	5'-CAT ³		5'-C gA ³			5'-CTT ³	
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.
																DRB1 allele ⁵
	+				+				+							*140101-140103
					+											*1402
					+											*140301-142302
			+													*1404
	+				+											*140501-140502
	+				+											*140503
					+								+			*1406
	+				+			+								*140701
	+				+			+								*140702
	+				+											*1408, 1152
	+				+											*1409
																*1410
																*1411, 1204, 1209
					+								+			*1412
				+	+										+	*1413
	+				+											*1414
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.

220	85	145	60	170	145	145	115	120	190	220	230	135	200	80	100	Length of spec.
			110	215			135	210	250	250		175			145	PCR product
			170					250								
			215													
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.
		+	+													*1415, 0809, 0821
	+	+			+											*1416
	+					+							+			*1417
					+								+			*1418
+					+										+	*1419
					+											*1420
+	+					+							+		+	*1421
	+				+			+								*1422
	+				+											*142301-142302, 1117
				+	+											*1424
	+		+		+			+								*1425
	+				+											*1426
					+											*1427
			+													*1428
					+								+			*1429
	+					+										*1430
			+													*1431
	+				+											*143201-143202
	+					+							+			*1433
	+				+											*1434
	+					+								+		*1435
	+				+		+									*1436
	+			+	+											*1437, 1348, 1358
	+				+						+					*1438
	+		+		+											*1439
		+			+											*1440
					+		+									*1441
	+					+										*1442
+	+				+											*1443
	+				+			+								*144401
	+				+			+								*144402
	+				+				+							*1445
										+						*1446
					+						+					*1447
					+							+				*1448
					+			+								*1449
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.

220	85	145	60	170	145	145	115	120	190	220	230	135	200	80	100	Length of spec.
			110	215			135	210	250	250		175			145	PCR product
			170					250								
			215													
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.
			+								+					*1450
					+											*1451
										+			+			*1452
	+		+			+		+						+		*1453
	+				+											*1454
	+	+			+											*1455
	+				+			+								*1456
		+														*1457
	+		+		+											*1458
	+				+								+			*1459
	+				+							+				*1460
																*1461
	+				+											*1462
			+	+	+										+	*1463
	+					+							+			*1464
	+			+		+										*1465
			+		+											*1467
			+					+								*1468
	+		+		+			+								*1469
					+								+			*1470
			+							+						*1471
	+					+								+		*1472
			+													*1473
	+				+											*1474
																*010201-010204
			+					+								*0114
	+					+							+			*030101, 030103- 030106, 0307, 0308, 0313, 0315, 0319, 0322, 0323, 0328, 0332-0334, 0336, 0337, 0339, 1116, 130101-130102, 1306, 1320, 1327, 1328, 1351, 1359, 1369, 1371, 1378, 1379
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.

220	85	145	60	170	145	145	115	120	190	220	230	135	200	80	100	Length of spec.
			110	215			135	210	250	250		175			145	PCR product
			170					250								
			215													
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.
	+					+					+		+			*030102, 1361
					+											*030201
					+						+					*030202
					+								+			*0303, 1353
	+					+										*0304, 0321, 0325, 0330, 110201- 110402, 110404, 110601, 1107, 1118, 1121, 1134-1136, 1138, 1142-1144, 1146, 1147, 1157, 1160, 1163, 116501- 116502, 1311, 1322, 1324, 1344, 1352, 1368
	+					+										*030501-030502, 0309, 0314, 110101- 110104, 110106, 110801-110802, 1110-111202, 111401-1115, 111901-1120, 1124, 1126, 112702, 1129, 1132, 1133, 1139, 1149, 1151, 1161, 1162, 1166, 130201- 130203, 131401- 131402, 1323, 1325, 1329, 1339, 1341, 1356, 1362, 1373, 1374
	+				+								+			*0306, 0326, 1340
	+					+							+	+		*0310
	+					+							+			*0311
	+			+		+							+			*0312
	+												+			*0316, 1335,1380
	+				+						+					*0317
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.

220	85	145	60	170	145	145	115	120	190	220	230	135	200	80	100	Length of spec.
			110	215			135	210	250	250		175			145	PCR product
			170					250								
			215													
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.
	+					+	+						+			*0318
	+					+							+			*0320
	+					+					+		+			*0324
					+						+					*0327
						+										*0329
	+				+											*0331, 1141, 1148, 1150, 1156, 1370
	+				+			+			+					*0335
					+							+				*0338
																*0410, 0411, 0467
			+													*0412, 0806, 0810, 0812, 0822
			+													*0418, 080101- 080203, 080302- 080404, 0807, 0813, 0814, 0816, 0817, 0819, 0823, 0826- 0828, 0830, 0832- 0834, 1521
								+								*0462
								+								*0469
																*0706
																*0805, 0818, 0824, 0825, 0831, 120101- 120202, 120302, 1206-1208, 1210- 1213, 1216, 1317
			+					+								*0808
			+													*0811
			+					+								*0815
	+		+		+											*0820
																*0903, 1608
	+					+										*110105
	+															*110107
	+					+										*110403, 110602
	+					+										*1109, 1128, 130501, 130502, 1350, 1363
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.

220	85	145	60	170	145	145	115	120	190	220	230	135	200	80	100	Length of spec.
			110	215			135	210	250	250		175			145	PCR product
			170					250								
			215													
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.
	+					+										*1113
	+		+			+										*1123, 1145, 1164
	+		+			+										*1125, 1155
	+					+					+					*112701
	+					+								+		*1131
	+				+											*1137, 130701- 130702, 1336, 1360
	+					+							+			*1140, 1342
	+					+										*1153
	+					+										*115401
	+					+										*115402
	+					+							+			*1158, 1159
																*1205, 1214, 1215
	+					+							+			*130103
+	+			+	+											*130301-130302, 1333
	+			+		+										*1304
	+	+			+											*1308
	+			+		+							+			*1309
+	+					+							+		+	*1310
	+			+	+											*1312, 1338, 1349
	+		+	+	+											*1313, 1355
						+							+			*1315
	+					+										*1316
	+					+							+			*1318
		+			+											*1319
	+			+		+										*1321, 1330
					+											*1326
	+					+						+				*1331, 1346
	+			+	+								+		+	*1332
	+					+	+									*1334
+	+				+											*1337
	+					+							+	+		*1343
	+		+			+		+						+		*1345
	+		+		+											*1347
	+					+						+				*1354
		+				+										*1357
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.

220	85	145	60	170	145	145	115	120	190	220	230	135	200	80	100	Length of spec.
			110	215			135	210	250	250		175			145	PCR product
			170					250								
			215													
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.
	+	+				+	+									*1364
	+			+	+										+	*1365
+	+			+		+										*1366
	+	+			+											*1372
	+			+		+										*1375
	+	+			+											*1376
	+					+						+	+			*1377
+	+			+	+											*1381
													+			*1503, 1523
																*1512
																DRB1 allele ⁵
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.
								+								DRB3*0216
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.