

INTERPRETATION TABLE

DR low resolution SSP typing

Amplification patterns of the DRB1*0101 to DRB1*1003 alleles

		Well														
		1	2	3	4	5	6	7	8	9	10	11	12			
Length of spec.		205	195	215	210	220	80	80	100	205	165	85	205			
PCR product(s)				260			210	210	175	230	215	130				
											250	180				
Length of int. pos ctr ¹		515	430	430	430	430	430	430	430	430	515	430	430			
5'-primer(s) ²		14	14	13	13	13	13	13	13	14	16	26	31			
		5'-gAA ^{3'}	5'-gAA ^{3'}	5'-Agg ^{3'}	5'-Agg ^{3'}	5'-g TC ^{3'}	5'-g TC ^{3'}	5'-g TC ^{3'}	5'-A CA ^{3'}	5'-ATA ^{3'}	5'-gT T ^{3'}	5'-TAT ^{3'}	5'-gC g ^{3'}			
					13		16		13	14	16	58				
					5'-AAg ^{3'}		5'-gT T ^{3'}		5'-A CC ^{3'}	5'-ATA ^{3'}	5'-gT T ^{3'}	5'-gAg ^{3'}				
									13	16						
									5'-A TA ^{3'}	5'-gT T ^{3'}						
3'-primer(s) ³		67	67	70	67	73	26	28	33	71	58	57	86			
		5'-gAg ^{3'}	5'-gAT ^{3'}	5'-CTg ^{3'}	5'-gAA ^{3'}	5'-g gC ^{3'}	5'-g gT ^{3'}	5'-CT C ^{3'}	5'-gTg ^{3'}	5'-CTC ^{3'}	5'-C CT ^{3'}	5'-C gA ^{3'}	5'-C AC ^{3'}			
		71		71	67	73	71	70	58	73	74	73	86			
		5'-gC g ^{3'}		5'-CgC ^{3'}	5'-gAg ^{3'}	5'-g gC ^{3'}	5'-g CT ^{3'}	5'-CTg ^{3'}	5'-C gg ^{3'}	5'-g gC ^{3'}	5'-CAG ^{3'}	5'-g gC ^{3'}	5'-C CA ^{3'}			
				86	72					77	86	78				
				5'-C CA ^{3'}	5'-gC g ^{3'}					5'-A AT ^{3'}	5'-C AC ^{3'}	5'-CAC ^{3'}				
										78						
										5'-CAC ^{3'}						
Well No.	DR	1	2	3	4	5	6	7	8	9	10	11	12			
DRB1 allele ⁴	ser ⁵															
*010101-010205, 0104-0121	1	1														
*0103	103		2													
*03010101-030106, 0304-0306, 0309, 0311-0316, 0318-0320, 0322, 0323, 0325, 0326, 0328, 0330, 0331, 0333, 0334, 0336, 0337	17					5	6									
*030201-0303, 0327, 0329, 0338	18					5		7								
*0307, 0317, 0321, 0324, 0332, 0335, 0339-0341	-					5										
*0308	-					5	6						11			
*0310	-					5	6									
Well No.		1	2	3	4	5	6	7	8	9	10	11	12			

Well No.		1	2	3	4	5	6	7	8	9	10	11	12
*040101-0461, 0463-0468, 0470-0472, 0474-0478	4								8				
*0462, 0469, 0473	-								8				
*07010101-070103, 0703- 0717	7									9			
*080101-080203, 080401- 0807, 0811, 0816, 0817, 0822, 0824, 0826, 0828	8										10		
*080302, 0810, 0812- 0815, 0818, 0819, 0823, 0825, 0827, 0829, 0830, 0833, 0834, 0836	8										10		
*0808	-										10		
*0809, 0821, 1415	8										10		
*0820, 1318, 1347, 1355	8,13												
*0831, 1167	-										10		
*0832	-										10		
*0835	-										10		
*090102-090202, 0904- 0908	9											11	
*0903	9											11	
*100101-1003	10												12
*110101-110107, 110401- 110403, 110601-110602, 111201, 1115, 1124, 112701-1130, 1132, 1133, 1135, 1137-1139, 1143, 1144, 1147, 1149-1151, 115401-115402, 1156, 1160-1162, 1166, 1172	11												
*110201-1103, 111101- 111102, 111401-111402, 1121, 1136, 1141, 1148, 1163, 116501-116502, 1168, 1170	11						6						
*110404, 1109-111002, 111202, 1146, 1158	11												
*1105	11												
*1107, 1153	-					5						11	
*110801-110802, 1118- 111902, 1142, 1157	11												
*111301-111302	11							w					
Well No.		1	2	3	4	5	6	7	8	9	10	11	12

Well No.		1	2	3	4	5	6	7	8	9	10	11	12
*1116, 1120, 1140, 1159	-					6							
*1117, 1152	11												
*1122	-												
*1123, 1125	11												
*1126, 1134	11					7							
*1131, 1145, 1164	-												
*1155	-												
*1169	-												
*120101-120102, 120302, 1205-1212, 1214, 1217	12												
*120201-120204, 1213, 1215, 1218, 1219	12												
*1204	-									10			
*1216	-									10			
*130101-130201, 130203, 1304, 1308, 1316, 1320, 1322-1324, 1327-1329, 1331, 1332, 1334-1336, 1338-1341, 1348, 1351, 1352, 1354, 1359, 1361, 1363-1365, 1368-1376, 1378-1380, 1383, 1384, 1387	13					6							
*130202, 130301-130302, 1310, 1333, 1337, 1366, 1381	13						6						
*130501-130502, 130701- 130702, 131101-131102, 131401-131403, 1321, 1342, 1346, 1349-135002, 1362	13												
*1306, 1312, 1325, 1330, 1356, 1358, 1360, 1377, 1382, 1388	13												
*1309	13												
*1313	-												
*1315, 1319, 1353, 1357	-						6	7					
*1317	13						6			9			
*1326	-							7					
*1343	-						6						
*1344, 1386	-							7					
*1345	-						6						
Well No.		1	2	3	4	5	6	7	8	9	10	11	12

Well No.		1	2	3	4	5	6	7	8	9	10	11	12
*1367	-												
*1385	-						6	7					
*140101-140102, 1404, 140701-140702, 1410, 1426, 1428, 1431, 1435, 1438, 1439, 1454, 1455, 1457, 1460-1462, 1470, 1471, 1475, 1476, 1479	14												
*140103, 1408, 142302, 1434, 1472	-												
*1402, 1406, 1409, 1413, 1417, 1420, 1429, 1430, 1433, 1441, 1447, 1448, 1451, 1480, 1483	14							7					
*140301-140302, 1412, 1440, 1463, 1467, 1477, 1478	14							7					
*140501-140503, 1414, 142301, 1436, 1443-1445, 1456, 1459, 1464	14												
*1411	-										10		
*1416	6						6						
*1418, 1481	-							7					
*1419, 1421	-						6	7					
*1422	-												
*1424	-							7					
*1425, 1453	-												
*1427	14							7					
*143201-143202	-							w					
*1437	-												
*1442	-												
*1446, 1452	-												
*1449	-							7					
*1450	-									9			
*1458	-												
*1465	-							w					
*1468	-										10		
*1469, 1484, 1485	-												
*1473	-												
*1474	-												
*1482	-						6						
Well No.		1	2	3	4	5	6	7	8	9	10	11	12

Well No.		1	2	3	4	5	6	7	8	9	10	11	12
*15010101-1520, 1522-1526, 1528-1532	15	3											
*1521	-			3									
*1527	-	3											
*160101-1603, 160501-160502, 1607-1613N	16				4								
*1604	16	4											
Well No.		1	2	3	4	5	6	7	8	9	10	11	12
DRB1 allele ⁴	ser ⁵												
DRB3*01010201-0113, 0201-0224, 030101-0303	52												
DRB4*01010101-0107	53												
DRB5*010101-0113, 0202-0205	51												
Well No.	ser ⁵	1	2	3	4	5	6	7	8	9	10	11	12

INTERPRETATION TABLE

DR low resolution SSP typing

Amplification patterns of the DRB1*0101 to DRB1*1003 alleles

Well												
13	14	15	16	17	18	19	20	21	22	23		
100	85	210	195	175	100	110	110	230	215	175		Length of spec.
170	105		210		140	135	175					PCR product(s)
						170	225					
430	430	430	430	430	430	515	430	430	430	430		Length of int. pos ctr ¹
13	16	10	10	13	37	26	13	10	28	13		5'-primer(s) ²
5'-g TC ^{3'}	5'-gT T ^{3'}	5'-g CT ^{3'}	5'-g CT ^{3'}	5'-g TC ^{3'}	5'-g TA ^{3'}	5'-g TA ^{3'}	5'-g TC ^{3'}	5'-g CT ^{3'}	5'-g AT ^{3'}	5'-g TA ^{3'}		
16		13	13		37	34	34	10		13		
5'-gT C ^{3'}		5'-g TC ^{3'}	5'-g TC ^{3'}		5'-g TT ^{3'}	5'-CAG ^{3'}	5'-CAG ^{3'}	5'-g CT ^{3'}		5'-g TA ^{3'}		
38			16									
5'-C gT ^{3'}			5'-gT T ^{3'}									
			16									
			5'-gT C ^{3'}									
58	30	70	67	58	57	57	57	73	87	57		3'-primer(s) ³
5'-C CT ^{3'}	5'-gTg ^{3'}	5'-gTC ^{3'}	5'-gAA ^{3'}	5'-C gg ^{3'}	5'-C Ag ^{3'}	5'-C Ag ^{3'}	5'-C Ag ^{3'}	5'-g gC ^{3'}	5'-CTC ^{3'}	5'-gC g ^{3'}		
58	38	71	67	58	71	58	60	73		58		
5'-C CT ^{3'}	5'-CAG ^{3'}	5'-g CT ^{3'}	5'-gAA ^{3'}	5'-C Ag ^{3'}	5'-CgC ^{3'}	5'-C CT ^{3'}	5'-gTg ^{3'}	5'-g gC ^{3'}		5'-C CT ^{3'}		
			71			70	70					
			5'-CTC ^{3'}			5'-CTg ^{3'}	5'-T CC ^{3'}					
			71			70	74					
			5'-CgC ^{3'}			5'-T CC ^{3'}	5'-CAG ^{3'}					
13	14	15	16	17	18	19	20	21	22	23	DR	Well No.
											ser ⁵	DRB1 allele ⁴
											1	*010101-010205, 0104-0121
											103	*0103
				17							17	*03010101-030106, 0304-0306, 0309, 0311-0316, 0318-0320, 0322, 0323, 0325, 0326, 0328, 0330, 0331, 0333, 0334, 0336, 0337
				17							18	*030201-0303, 0327, 0329, 0338
				17							-	*0307, 0317, 0321, 0324, 0332, 0335, 0339-0341
13						19					-	*0308
						19	20				-	*0310
13	14	15	16	17	18	19	20	21	22	23		Well No.

13	14	15	16	17	18	19	20	21	22	23		Well No.	
											4	*040101-0461, 0463-0468, 0470-0472, 0474-0478	
				18								-	*0462, 0469, 0473
											7	*07010101-070103, 0703- 0717	
16												8	*080101-080203, 080401- 0807, 0811, 0816, 0817, 0822, 0824, 0826, 0828
											8	*080302, 0810, 0812- 0815, 0818, 0819, 0823, 0825, 0827, 0829, 0830, 0833, 0834, 0836	
16				18								-	*0808
			16				20				8	*0809, 0821, 1415	
		15	16	17			20				8,13	*0820, 1318, 1347, 1355	
13			16								-	*0831, 1167	
14								20				-	*0832
							20				-	*0835	
				19								9	*090102-090202, 0904- 0908
											9	*0903	
												10	*100101-1003
13		15	16								11	*110101-110107, 110401- 110403, 110601-110602, 111201, 1115, 1124, 112701-1130, 1132, 1133, 1135, 1137-1139, 1143, 1144, 1147, 1149-1151, 115401-115402, 1156, 1160-1162, 1166, 1172	
13		15	16									11	*110201-1103, 111101- 111102, 111401-111402, 1121, 1136, 1141, 1148, 1163, 116501-116502, 1168, 1170
13		15	16			19					11	*110404, 1109-111002, 111202, 1146, 1158	
13	16											11	*1105
13												-	*1107, 1153
13	15											11	*110801-110802, 1118- 111902, 1142, 1157
13						19	20				11	*111301-111302	
13	14	15	16	17	18	19	20	21	22	23		Well No.	

13	14	15	16	17	18	19	20	21	22	23		Well No.
13		15	16			19					-	*1116, 1120, 1140, 1159
13						19	20				11	*1117, 1152
13						19					-	*1122
13		15	16				20				11	*1123, 1125
13											11	*1126, 1134
13		15					20				-	*1131, 1145, 1164
13			16				20				-	*1155
13			16		18						-	*1169
	14										12	*120101-120102, 120302, 1205-1212, 1214, 1217
	14		16								12	*120201-120204, 1213, 1215, 1218, 1219
	14					19					-	*1204
	14		16								-	*1216
		15	16	17							13	*130101-130201, 130203, 1304, 1308, 1316, 1320, 1322-1324, 1327-1329, 1331, 1332, 1334-1336, 1338-1341, 1348, 1351, 1352, 1354, 1359, 1361, 1363-1365, 1368-1376, 1378-1380, 1383, 1384, 1387
		15		17							13	*130202, 130301-130302, 1310, 1333, 1337, 1366, 1381
		15	16	17							13	*130501-130502, 130701- 130702, 131101-131102, 131401-131403, 1321, 1342, 1346, 1349-135002, 1362
		15		17							13	*1306, 1312, 1325, 1330, 1356, 1358, 1360, 1377, 1382, 1388
			16	17							13	*1309
		15		17			20				-	*1313
		15	16	17							-	*1315, 1319, 1353, 1357
			16								13	*1317
		15	16	17							-	*1326
		15	16				19	20			-	*1343
				17							-	*1344, 1386
		15	16		18		20				-	*1345
13	14	15	16	17	18	19	20	21	22	23		Well No.

13	14	15	16	17	18	19	20	21	22	23		Well No.
		15	16								-	*1367
		15		17							-	*1385
					18	19	20				14	*140101-140102, 1404, 140701-140702, 1410, 1426, 1428, 1431, 1435, 1438, 1439, 1454, 1455, 1457, 1460-1462, 1470, 1471, 1475, 1476, 1479
						19	20				-	*140103, 1408, 142302, 1434, 1472
				17		19					14	*1402, 1406, 1409, 1413, 1417, 1420, 1429, 1430, 1433, 1441, 1447, 1448, 1451, 1480, 1483
		15		17			20				14	*140301-140302, 1412, 1440, 1463, 1467, 1477, 1478
				17		19	20				14	*140501-140503, 1414, 142301, 1436, 1443-1445, 1456, 1459, 1464
						19	20				-	*1411
		15	16		18	19	20				6	*1416
				17		19	20				-	*1418, 1481
		15		17		19					-	*1419, 1421
		15	16		18	19	20				-	*1422
			16	17							-	*1424
		15	16		18		20				-	*1425, 1453
		15	16	17			20				14	*1427
					18	19	20				-	*143201-143202
			16	17	18						-	*1437
				17			20				-	*1442
						19					-	*1446, 1452
					18	19	20				-	*1449
					18	19	20				-	*1450
					18		20				-	*1458
				17		26	27				-	*1465
					18	19	20				-	*1468
		15			18		20				-	*1469, 1484, 1485
			16		18	19	20				-	*1473
		15			18	19	20				-	*1474
					18	19	20				-	*1482
13	14	15	16	17	18	19	20	21	22	23		Well No.

13	14	15	16	17	18	19	20	21	22	23		Well No.
											15	*15010101-1520, 1522-1526, 1528-1532
							w				-	*1521
						19					-	*1527
											16	*160101-1603, 160501-160502, 1607-1613N
							w				16	*1604
13	14	15	16	17	18	19	20	21	22	23		Well No.
											ser ⁵	DRB1 allele ⁴
								21			52	DRB3*01010201-0113, 0201-0224, 030101-0303
									22		53	DRB4*01010101-0107
										23	51	DRB5*010101-0113, 0202-0205
13	14	15	16	17	18	19	20	21	22	23	ser ⁵	Well No.