

INTERPRETATION TABLE												
DR low resolution SSP typing												
Amplification patterns of the DRB1*0101 to DRB1*1003 alleles												
		Well ⁶										
		1	2	3	4	5	6	7	8	9	10	11
Length of spec.		200	200	210	210	120	80	85	100	210	170	85
PCR product(s)		255				220	210	210	175	230	215	135
											250	180
Length of int.												
pos. control ¹		515	430	430	430	430	430	430	430	430	515	430
5'-primer(s) ²		14 (129)	14 (129)	13 (126)	13 (126)	13 (125)	13 (125)	13 (125)	13 (125)	14 (127)	16 (133)	26 (165)
		5'-gAA ^{3'}	5'-gAA ^{3'}	5'-Agg ^{3'}	5'-Agg ^{3'}	5'-gTC ^{3'}	5'-gTC ^{3'}	5'-gTC ^{3'}	5'-ACA ^{3'}	5'-ATA ^{3'}	5'-gTT ^{3'}	5'-TAT ^{3'}
				13 (126)	13 (126)	47 (227)	16 (133)		13 (125)	14 (127)	16 (133)	58 (261)
				5'-AAG ^{3'}	5'-AAG ^{3'}	5'-gTT ^{3'}	5'-gTT ^{3'}		5'-ACC ^{3'}	5'-ATA ^{3'}	5'-gTT ^{3'}	5'-gAg ^{3'}
									13 (125)	16 (133)		
									5'-ATA ^{3'}	5'-gTT ^{3'}		
									13 (125)			
									5'-gTC ^{3'}			
3'-primer(s) ³		67 (286)	67 (286)	67 (286)	67 (286)	73 (305)	26 (164)	28 (171)	33 (184)	71 (298)	58 (260)	57 (257)
		5'-gAg ^{3'}	5'-gAT ^{3'}	5'-gAT ^{3'}	5'-gAA ^{3'}	5'-ggC ^{3'}	5'-ggT ^{3'}	5'-CTC ^{3'}	5'-gTg ^{3'}	5'-CTC ^{3'}	5'-CCT ^{3'}	5'-CgA ^{3'}
		67 (286)		70 (295)	67 (286)	73 (305)	71 (299)	70 (295)	58 (260)	73 (305)	74 (307)	73 (305)
		5'-gAg ^{3'}		5'-CTg ^{3'}	5'-gAg ^{3'}	5'-ggC ^{3'}	5'-gCT ^{3'}	5'-CTg ^{3'}	5'-Cgg ^{3'}	5'-ggC ^{3'}	5'-Cag ^{3'}	5'-ggC ^{3'}
		67 (286)		71 (298)	72 (303)	74 (308)				77 (317)	86 (344)	78 (319)
		5'-gAT ^{3'}		5'-CgC ^{3'}	5'-gCg ^{3'}	5'-CCC ^{3'}				5'-AAT ^{3'}	5'-CAC ^{3'}	5'-CAC ^{3'}
		71 (299)		71 (299)						78 (319)		
		5'-gCg ^{3'}		5'-gCT ^{3'}						5'-CAC ^{3'}		
		86 (344)		73 (305)								

		5'-CCA 3'		5'-ggC 3'								
Well No.	DR	1	2	3	4	5	6	7	8	9	10	11

Well No.	DR	1	2	3	4	5	6	7	8	9	10	11
DRB1 allele ⁴	ser ⁵											
*010101-010205, 0104-0131	1	1										
*0103	1/103		2									
*03010101-030108, 0304-0306, 0309, 031101-0316, 0318-0320, 0322, 0323, 0325, 0326, 0328, 0330, 0331, 0333, 0334, 0336, 0337, 0343-0345, 0347, 0348, 0350-0352	3, 17					5	6					
*030201-0303, 0327, 0329, 0338	3, 18					5		7				
*0307, 0317, 0321, 0324, 0332, 0335, 0339-0341, 0349	3					5						
*0308	3					5	6					11
*0310	3					5	6					
*0342	-					5						
*0346	-					5	6					
*040101-0461, 0463-0468, 0470-047202, 0474-0489	3, 4								8			
*0462, 0469, 0473	4								8			
*07010101-070103, 0703-0717	7, null									9		
*080101-080203, 080401-0807, 0811, 0816, 0817, 0822, 0824, 0826, 0828, 0839	8										10	
*080302, 0810, 0812-0815, 0818, 0819, 0823, 0825, 0827, 0829-083002, 0833, 0834, 0836-0838	8										10	
*0808	8										10	
*0809, 0821, 1415	8										10	
*0820, 1318, 1347, 1355	-/13											
*0831, 1167	8, 11										10	
*0832	-										10	
*0835	-										10	
*090102-090105, 090201, 090202, 0904-0909	9											11
*090106, 0903	9											11
*100101-1003	10											
Well No.	ser ⁵	1	2	3	4	5	6	7	8	9	10	11

Well No.	ser ⁵	1	2	3	4	5	6	7	8	9	10	11
*110101-110111, 110401-110405, 110601, 110602, 1109-111002, 111201, 111202, 1115, 1124, 112701-1130, 1132, 1133, 1135, 1137-1139, 1143, 1144, 1146, 1147, 1149-1151, 115401, 115402, 1156, 115801, 115802, 1160-1162, 1166, 1172, 1174, 1175, 1177, 1178, 1181, 1184, 1188	11											
*110201-1103, 111101, 111102, 111401, 111402, 1116, 1120, 1121, 1136, 1140, 1141, 1148, 1159, 1163, 116501, 116502, 1168, 1170, 1176, 1180, 1183, 1185-1187	11, 13						6					
*1105	11											
*1107, 1153	11					5						11
*110801, 110802, 1118-111902, 1142, 1157	11											
*111301, 111302	11							w				
*1117, 1152	11, 14											
*1122	-											
*1123, 1125	11											
*1126, 1134	11							7				
*1131, 1145, 1164	11											
*1155	11											
*1169, 1182	-											
*1173, 1179	-						6					
*1189	-											
*120101-120103, 120302, 1205-1212, 1214, 1217	12											
*120201-120204, 1213, 1215, 1218-1220	12											
*1204	12										10	
*1216	-										10	
Well No.	ser ⁵	1	2	3	4	5	6	7	8	9	10	11
Well No.	ser ⁵	1	2	3	4	5	6	7	8	9	10	11

*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, 1391-1393, 1396, 1397	11, 13, 14						6					
*130202, 130301-130304, 1310, 133301-133303, 1337, 1366, 1381, 1388-1390, 1394, 1395	13						6					
*130501, 130502, 130701, 130702, 131101, 131102, 131401-131403, 132101, 132102, 1342, 1346, 1349- 135002, 1362	6, 11, 13											
*1306, 1312, 1325, 1330, 1356, 1358, 1360, 1377, 1382	6, 11, 13											
*1309	13											
*1313, 1484	13, -											
*1315, 1319, 1353, 1357	13						6	7				
*1317	13						6			9		
*1326	14							7				
*1343	13						6					
*1344, 1386	-							7				
*1345	13						6					
*1367	13											
*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, 1486-1488, 1490	4, 6, 14, 1404											
*140103, 1408, 142302, 1434, 1472, 1492N	14											
Well No.	ser ⁵	1	2	3	4	5	6	7	8	9	10	11

Well No.	ser ⁵	1	2	3	4	5	6	7	8	9	10	11
*1402, 140601, 140602, 1409, 1413, 1417, 1420, 1429, 1430, 1433, 1441, 1447, 1448, 1451, 1480, 1483, 1494	6, 14							7				
*140301, 140302, 1412, 1440, 1463, 1467, 1477, 1478, 1485	6, 14, 1403							7				
*140501-140503, 1414, 142301, 142303, 1436, 1443-1445, 1456, 1459, 1464, 1491, 1496	14											
*1411	14										10	
*1416	6						6					
*1418, 1481	14							7				
*1419, 1421	14						6	7				
*1422	14											
*1424	14							7				
*1425, 1453	6, 13, 14											
*1427	14							7				
*143201, 143202	14							w				
*1437	14											
*1442	-											
*1446, 1452	14											
*1449	14							7				
*1450	14									9		
*1458	14											
*1465	6							w				
*1468, 1493	14										10	
*1469	-											
*1473	-											
*1474	-											
*1482	-						6					
*1489	-							7				
*1495	-						6					
*15010101-1520, 1522-1524, 1526, 1528-1533, 1535-1543	2, 15, Null			3								
*1521	2			3								
*1525	-			3		5						
*1527, 1534	-			3								
*160101-1603, 160501, 160502, 1607-1615	16				4							

*1604	16				4							
Well No.	ser ⁵	1	2	3	4	5	6	7	8	9	10	11
Well No.	ser ⁵	1	2	3	4	5	6	7	8	9	10	11
DRB3*01010201-0114, DRB3*0201-0225, DRB3*030101-0303	52											
DRB4*01010101-01030101, 010302-0108	51											
DRB4*01030102N	Null											
DRB5*010101-0114, DRB5*0202-0205	51											
Well No.	ser ⁵	1	2	3	4	5	6	7	8	9	10	11

	INTERPRETATION TABLE											
	DR low resolution SSP typing											
	Amplification patterns of the DRB1*0101 to DRB1*10											
	Well ⁶											
12	13	14	15	16	17	18	19	20	21	22	23	24
205	100	85	210	195	175	100	110	110	100	215	175	
	170	105		210		140	135	175	165			
						155	170	225	240			
430	430	430	430	430	430	430	430	430	430	430	430	Negative Control
31 (178)	13 (125)	16 (133)	10 (116)	10 (116)	13 (125)	5 (101)	26 (164)	13 (125)	10 (116)	28 (170)	13 (125)	
5'-gCg 3'	5'-gTC 3'	5'-gTT 3'	5'-gCT 3'	5'-gCT 3'	5'-gTC 3'	5'-CAA 3'	5'-gTA 3'	5'-gTC 3'	5'-gCT 3'	5'-gAT 3'	5'-gTA 3'	
	16 (133)		13 (125)	13 (125)		37 (197)	34 (189)	34 (189)	10 (116)			
	5'-gTC 3'		5'-gTC 3'	5'-gTC 3'		5'-gTT 3'	5'-CAG 3'	5'-CAG 3'	5'-gCT 3'			
	38 (200)			16 (133)		37 (197)			57 (258)			
	5'-CgT 3'			5'-gTT 3'		5'-gTA 3'			5'-gTC 3'			
				16 (133)								
				5'-gTC 3'								
86 (344)	58 (260)	30 (175)	70 (295)	67 (286)	58 (260)	42 (213)	57 (257)	57 (257)	51 (239)	87 (346)	57 (258)	
5'-CAC 3'	5'-CCT 3'	5'-gTg 3'	5'-gTC 3'	5'-gAA 3'	5'-Cgg 3'	5'-TCA 3'	5'-Cag 3'	5'-Cag 3'	5'-CCC 3'	5'-CTC 3'	5'-gCg 3'	
86 (344)	58 (260)	38 (199)	71 (299)	71 (298)	58 (260)	57 (257)	70 (295)	60 (265)	77 (317)	87 (346)	58 (260)	
5'-CCA 3'	5'-CCT 3'	5'-CAG 3'	5'-gCT 3'	5'-CgC 3'	5'-CAG 3'	5'-CAG 3'	5'-CTg 3'	5'-gTg 3'	5'-AAT 3'	5'-CTT 3'	5'-CCT 3'	
	58 (260)			71 (298)		71 (298)	70 (296)	70 (296)				
	5'-CCT 3'			5'-CTC 3'		5'-CgC 3'	5'-TCC 3'	5'-TCC 3'				
								74 (307)				
								5'-CAG 3'				

12	13	14	15	16	17	18	19	20	21	22	23	24	DR

12	13	14	15	16	17	18	19	20	21	22	23	24	DR
													ser ⁵
												Negative Control	1
													1/103
					17								3, 17
					17								3, 18
					17								3
	13												3
							19	20					3
													-
													-
													3, 4
						18							4
													7, null
				16									8
													8
				16		18							8
				16				20					8
			15	16	17			20					-/13
	13			16									8, 11
		14						20					-
								20					-
							19						9
													9
12													10
12	13	14	15	16	17	18	19	20	21	22	23	24	ser ⁵

12	13	14	15	16	17	18	19	20	21	22	23	24	ser ⁵
	13		15	16								Negative Control	11
	13		15	16									11, 13
	13			16									11
	13												11
	13		15										11
	13						19	20					11
	13						19	20					11, 14
	13												-
	13		15	16				20					11
	13												11
	13		15					20					11
	13			16				20					11
	13			16		18							-
	13		15										-
	13							20					-
		14											12
		14		16								12	
		14										12	
		14		16								-	
12	13	14	15	16	17	18	19	20	21	22	23	24	ser ⁵
12	13	14	15	16	17	18	19	20	21	22	23	24	ser ⁵

			15	16	17								Negative Control	11, 13, 14
			15		17									13
			15	16	17									6, 11, 13
			15		17									6, 11, 13
				16	17									13
			15		17			20						13, -
			15	16	17									13
				16										13
			15	16	17									14
			15	16			19	20						13
					17									-
			15	16		18		20						13
			15	16										13
			15		17									-
							18	19	20				4, 6, 14, 1404	
							19	20					14	
12	13	14	15	16	17	18	19	20	21	22	23	24	ser ⁵	

								w					16
12	13	14	15	16	17	18	19	20	21	22	23	24	ser ⁵
12	13	14	15	16	17	18	19	20	21	22	23	24	ser ⁵
									21			Negative Control	52
									22				51
						18				22			Null
									23				51
12	13	14	15	16	17	18	19	20	21	22	23	24	ser ⁵

[illegible]

Well No.

Well No.
DRB1 allele ⁴
*010101-010205, 0104-0131
*0103
*03010101-030108, 0304-0306, 0309, 031101-0316, 0318-0320, 0322, 0323, 0325, 0326, 0328, 0330, 0331, 0333, 0334, 0336, 0337, 0343-0345, 0347, 0348, 0350-0352
*030201-0303, 0327, 0329, 0338
*0307, 0317, 0321, 0324, 0332, 0335, 0339-0341, 0349
*0308
*0310
*0342
*0346
*040101-0461, 0463-0468, 0470-047202, 0474-0489
*0462, 0469, 0473
*07010101-070103, 0703-0717
*080101-080203, 080401-0807, 0811, 0816, 0817, 0822, 0824, 0826, 0828, 0839
*080302, 0810, 0812-0815, 0818, 0819, 0823, 0825, 0827, 0829-083002, 0833, 0834, 0836-0838
*0808
*0809, 0821, 1415
*0820, 1318, 1347, 1355
*0831, 1167
*0832
*0835
*090102-090105, 090201, 090202, 0904-0909
*090106, 0903
*100101-1003
Well No.

Well No.
*110101-110111, 110401-110405, 110601, 110602, 1109-111002, 111201, 111202, 1115, 1124, 112701 1130, 1132, 1133, 1135, 1137-1139, 1143, 1144, 1146, 1147, 1149-1151, 115401, 115402, 1156, 115801, 115802, 1160-1162, 1166, 1172, 1174, 1175, 1177, 1178, 1181, 1184, 1188
*110201-1103, 111101, 111102, 111401, 111402, 1116, 1120, 1121, 1136, 1140, 1141, 1148, 1159, 1163, 116501, 116502, 1168, 1170, 1176, 1180, 1183, 1185-1187
*1105
*1107, 1153
*110801, 110802, 1118-111902, 1142, 1157
*111301, 111302
*1117, 1152
*1122
*1123, 1125
*1126, 1134
*1131, 1145, 1164
*1155
*1169, 1182
*1173, 1179
*1189
*120101-120103, 120302, 1205-1212, 1214, 1217
*120201-120204, 1213, 1215, 1218-1220
*1204
*1216
Well No.
Well No.

*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, 1391-1393, 1396, 1397
*130202, 130301-130304, 1310, 133301-133303, 1337, 1366, 1381, 1388-1390, 1394, 1395
*130501, 130502, 130701, 130702, 131101, 131102, 131401-131403, 132101, 132102, 1342, 1346, 1349- 135002, 1362
*1306, 1312, 1325, 1330, 1356, 1358, 1360, 1377, 1382
*1309
*1313, 1484
*1315, 1319, 1353, 1357
*1317
*1326
*1343
*1344, 1386
*1345
*1367
*1385
*140101, 140102, 1404, 140701, 140702, 1410, 1426, 1428, 1431, 1435, 1438, 1439, 1454, 1455, 1457, 1460-1462, 1470, 1471, 1475, 1476, 1479, 1486-1488, 1490
*140103, 1408, 142302, 1434, 1472, 1492N
Well No.

Well No.
*1402, 140601, 140602, 1409, 1413, 1417, 1420, 1429, 1430, 1433, 1441, 1447, 1448, 1451, 1480, 1483, 1494
*140301, 140302, 1412, 1440, 1463, 1467, 1477, 1478, 1485
*140501-140503, 1414, 142301, 142303, 1436, 1443 1445, 1456, 1459, 1464, 1491, 1496
*1411
*1416
*1418, 1481
*1419, 1421
*1422
*1424
*1425, 1453
*1427
*143201, 143202
*1437
*1442
*1446, 1452
*1449
*1450
*1458
*1465
*1468, 1493
*1469
*1473
*1474
*1482
*1489
*1495
*15010101-1520, 1522-1524, 1526, 1528-1533, 1535-1543
*1521
*1525
*1527, 1534
*160101-1603, 160501, 160502, 1607-1615

*1604
Well No.
Well No.
DRB3*01010201-0114, DRB3*0201-0225, DRB3*030101-0303
DRB4*01010101-01030101, 010302-0108
DRB4*01030102N
DRB5*010101-0114, DRB5*0202-0205
Well No.