

DR low resolution SSP typing

Well⁶

[illegible]

		5'-CCA 3'		5'-ggC 3'									
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84

Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
DRB1 allele⁴	ser⁵												
*010101-010205, 0104-0131	1	73											
*0103	103		74										
*03010101-030107, 0304-0306, 0309, 0311-0316, 0318-0320, 0322, 0323, 0325, 0326, 0328, 0330, 0331, 0333, 0334, 0336, 0337, 0343-0345, 0347, 0348	3, 17					77	78						
*030201-0303, 0327, 0329, 0338	3, 18					77		79					
*0307, 0317, 0321, 0324, 0332, 0335, 0339-0341, 0349	3					77							
*0308	3					77	78					83	
*0310	3					77	78						
*0342	-					77							
*0346	-					77	78						
*040101-0461, 0463-0468, 0470-0472, 0474-0488	4								80				
*0462, 0469, 0473	4								80				
*07010101-070103, 0703-0717	7									81			
*080101-080203, 080401-0807, 0811, 0816, 0817, 0822, 0824, 0826, 0828, 0839	8										82		
*080302, 0810, 0812-0815, 0818, 0819, 0823, 0825, 0827, 0829-083002, 0833, 0834, 0836-0838	8										82		
*0808	-										82		
*0809, 0821, 1415	8										82		
*0820, 1318, 1347, 1355	-, 13												
*0831, 1167	8/11										82		
*0832	-										82		
*0835	-										82		
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84

[illegible]

Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
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[illegible]

Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
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Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
*140103, 1408, 142302, 1434, 1472, 1492N	14, null												
*1402, 140601, 140602, 1409, 1413, 1417, 1420, 1429, 1430, 1433, 1441, 1447, 1448, 1451, 1480, 1483	6, 14							79					
*140301, 140302, 1412, 1440, 1463, 1467, 1477, 1478, 1485	1403, 14, 6							79					
*140501-140503, 1414, 142301, 142303, 1436, 1443-1445, 1456, 1459, 1464, 1491	14												
*1411	14										82		
*1416	6						78						
*1418, 1481	14							79					
*1419, 1421	14						78	79					
*1422	14												
*1424	14							79					
*1425, 1453	6,13												
*1427	14							79					
*143201, 143202	14							w					
*1437	14												
*1442	-												
*1446, 1452	14												
*1449	14							79					
*1450	14									81			
*1458	14												
*1465	6							w					
*1468	14										82		
*1469	-												
*1473													
*1474	-												
*1482	-						78						
*1489	-							79					
*15010101-1520, 1522-1524, 1526, 1528-1533, 1535-1541	15			75									
*1521	2			75									
*1525	-			75		77							
*1527, 1534	-			75									
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84

Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
*160101-1603, 160501, 160502, 1607-1615	16				76								
*1604	16				76								
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
DRB1 allele ⁴	ser ⁵												
DRB3*01010201-0114, DRB3*0201-0225, DRB3*030101-0303	52												
DRB4*01010101- 01030101, 010302-0107	53												
DRB4*01030102N	null												
DRB5*010101-0114, DRB5*0202-0205	51												
Well No.		73	74	75	76	77	78	79	80	81	82	83	84

INTERPRETATION TABLE												
DR low resolution SSP typing												
Amplification patterns of the DRB1*0101 to DRB1*1003 alleles												
Well ⁶												
85	86	87	88	89	90	91	92	93	94	95	96	
100	85	210	195	175	100	110	110	100	215	175		Length of spec.
170	105		210		140	135	175	165				PCR product(s)
					155	170	225	240				
430	430	430	430	430	430	430	430	430	430	430		Length of int.
13	16	10	10	13	5	26	13	10	28	13		pos. control ¹
(125)	(133)	(116)	(116)	(125)	(101)	(164)	(125)	(116)	(170)	(125)		5'-primer(s) ²
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		13	13		37	34	34	10				
(133)		(125)	(125)		(197)	(189)	(189)	(116)				
5'-gTC ^{3'}		5'-gTC ^{3'}	5'-gTC ^{3'}		5'-gTT ^{3'}	5'-CAG ^{3'}	5'-CAG ^{3'}	5'-gCT ^{3'}				
38			16		37			57				
(200)			(133)		(197)			(258)				
5'-CgT ^{3'}			5'-gTT ^{3'}		5'-gTA ^{3'}			5'-gTC ^{3'}				
			16									
			(133)									
			5'-gTC ^{3'}									
58	30	70	67	58	42	57	57	51	87	57		3'-primer(s) ³
(260)	(175)	(295)	(286)	(260)	(213)	(257)	(257)	(239)	(346)	(258)		
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'}		
58	38	71	71	58	57	70	60	77		58		
(260)	(199)	(299)	(298)	(260)	(257)	(295)	(265)	(317)		(260)		
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'-CCT ^{3'}		
58			71		71	70	70					
(260)			(298)		(298)	(296)	(296)					
5'-CCT ^{3'}			5'-CTC ^{3'}		5'-CgC ^{3'}	5'-TCC ^{3'}	5'-TCC ^{3'}					
							74					
							(307)					
							5'-CAG ^{3'}					

85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.

85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.
												ser ⁵	DRB1 allele ⁴
												1	*010101-010205, 0104-0131
												103	*0103
				89								3, 17	*03010101-030107, 0304-0306, 0309, 0311-0316, 0318-0320, 0322, 0323, 0325, 0326, 0328, 0330, 0331, 0333, 0334, 0336, 0337, 0343-0345, 0347, 0348
				89								3, 18	*030201-0303, 0327, 0329, 0338
				89								3	*0307, 0317, 0321, 0324, 0332, 0335, 0339-0341, 0349
85												3	*0308
						91	92					3	*0310
												-	*0342
												-	*0346
												4	*040101-0461, 0463-0468, 0470-0472, 0474-0488
					90							4	*0462, 0469, 0473
												7	*07010101-070103, 0703-0717
			88									8	*080101-080203, 080401-0807, 0811, 0816, 0817, 0822, 0824, 0826, 0828, 0839
												8	*080302, 0810, 0812-0815, 0818, 0819, 0823, 0825, 0827, 0829-083002, 0833, 0834, 0836-0838
			88		90							-	*0808
			88				92					8	*0809, 0821, 1415
		87	88	89			92					-, 13	*0820, 1318, 1347, 1355
85			88									8/11	*0831, 1167
	86						92					-	*0832
							92					-	*0835
85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.

85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.
						91						9	*090102-090105, 090201, 090202, 0904-0908
												9	*090106, 0903
												10	*100101-1003
85		87	88									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, 1158, 1160-1162, 1166, 1172, 1174, 1175, 1177, 1178, 1181, 1184
85		87	88									11	*110201-1103, 111101, 111102, 111401, 111402, 1116, 1120, 1121, 1136, 1140, 1141, 1148, 1159, 1163, 116501, 116502, 1168, 1170, 1176, 1180, 1183
85			88									11	*1105
85												11	*1107, 1153
85		87										11	*110801, 110802, 1118-111902, 1142, 1157
85						91	92					11	*111301, 111302
85						91	92					11/13	*1117, 1152
85												11	*1122
85		87	88				92					11	*1123, 1125
85												11	*1126, 1134
85		87					92					11	*1131, 1145, 1164
85			88				92					11	*1155
85			88		90							-	*1169, 1182
85		87										-	*1173, 1179
	86											12	*120101-120103, 120302, 1205-1212, 1214, 1217
	86		88									12	*120201-120204, 1213, 1215, 1218-1220

85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.
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85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.
	86											12	*1204
	86		88									12	*1216
		87	88	89								11, 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, 1391-1393
		87		89								13	*130202, 130301-130303, 1310, 133301-133303, 1337, 1366, 1381, 1388-1390, 1394
		87	88	89								6, 13	*130501, 130502, 130701, 130702, 131101, 131102, 131401-131403, 1321, 1342, 1346, 1349-135002, 1362
		87		89								6, 13	*1306, 1312, 1325, 1330, 1356, 1358, 1360, 1377, 1382
			88	89								13	*1309
		87		89			92					13, -	*1313, 1484
		87	88	89								13	*1315, 1319, 1353, 1357
			88									13	*1317
		87	88	89								13	*1326
		87	88			91	92					13	*1343
				89								-	*1344, 1386
		87	88		90		92					13	*1345
		87	88									13	*1367
		87		89								-	*1385
					90	91	92					14, 1404, 4/6	*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

85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.
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85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.
						91	92					14, null	*140103, 1408, 142302, 1434, 1472, 1492N
				89		91						6, 14	*1402, 140601, 140602, 1409, 1413, 1417, 1420, 1429, 1430, 1433, 1441, 1447, 1448, 1451, 1480, 1483
		87		89			92					1403, 14, 6	*140301, 140302, 1412, 1440, 1463, 1467, 1477, 1478, 1485
				89		91	92					14	*140501-140503, 1414, 142301, 142303, 1436, 1443-1445, 1456, 1459, 1464, 1491
						91	92					14	*1411
		87	88		90	91	92					6	*1416
				89		91	92					14	*1418, 1481
		87		89		w						14	*1419, 1421
		87	88		90	91	92					14	*1422
			88	89								14	*1424
		87	88		90		92					6,13	*1425, 1453
		87	88	89			92					14	*1427
					90	91	92					14	*143201, 143202
			88	89	90							14	*1437
				89			92					-	*1442
						91						14	*1446, 1452
					90	91	92					14	*1449
					90	91	92					14	*1450
					90		92					14	*1458
				89		91	92					6	*1465
					90	91	92					14	*1468
		87			90		92					-	*1469
			88		90	91	92						*1473
		87			90	91	92					-	*1474
					90	91	92					-	*1482
				89			92					-	*1489
												15	*15010101-1520, 1522- 1524, 1526, 1528-1533, 1535-1541
							w					2	*1521
												-	*1525
						91						-	*1527, 1534
85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.

85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.
												16	*160101-1603, 160501, 160502, 1607-1615
							w					16	*1604
85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.
												ser ⁵	DRB1 allele ⁴
								93				52	DRB3*01010201-0114, DRB3*0201-0225, DRB3*030101-0303
									94			53	DRB4*01010101- 01030101, 010302-0107
					90				94			null	DRB4*01030102N
										95		51	DRB5*010101-0114, DRB5*0202-0205
85	86	87	88	89	90	91	92	93	94	95	96		Well No.