

INTERPRETATION TABLE

DRB1*11 SSP subtyping	
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Amplification patterns of the DRB1*1101 to DRB1*1184 alleles	
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98	98
99	99
100	100

	Well ⁵															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	175	175	65	200	85	80	125	125	85	65	155	95	70	145	60	110
PCR product									115	85	200	185	105		105	
										120	255					
Length of int. pos. control ¹	515	430	430	430	515	515	430	430	430	430	515	430	430	430	430	430
5'-primer(s) ²	13(125)	13(125)	58(261)	13(125)	58(260)	58(261)	58(261)	58(261)	58(261)	58(261)	13(125)	10(116)	37(196)	13(125)	37(197)	13(125)
	5'-gTC 3'	5'-ggg 3'	5'-gAg 3'	5'-gTC 3'	5'-TgA 3'	5'-gAg 3'	5'-gAg 3'	5'-gAg 3'	5'-gAg 3'	5'-gAg 3'	5'-gTC 3'	5'-gCT 3'	5'-AgA 3'	5'-gTC 3'	5'-gTT 3'	5'-gTC 3'
												41(208)	37(196)		51(239)	
												5'-TCA 3'	5'-AgA 3'		5'-gAT 3'	
													49(233)			
													5'-ggA 3'			
3'-primer(s) ³	58(260)	58(260)	67(286)	67(286)	71(298)	71(298)	86(344)	86(344)	73(305)	67(286)	51(238)	58(260)	58(260)	47(227)	58(260)	37(196)
	5'-CCT 3'	5'-CCT 3'	5'-gAA 3'	5'-gAT 3'	5'-CCT 3'	5'-CTC 3'	5'-CAC 3'	5'-CCA 3'	5'-ggC 3'	5'-gAg 3'	5'-CgC 3'	5'-CCT 3'	5'-CCT 3'	5'-ggT 3'	5'-CCT 3'	5'-gTC 3'
	58(260)		67(286)	67(286)	72(303)				74(308)	73(305)	67(286)					38(199)
	5'-CCT 3'		5'-gAA 3'	5'-gAT 3'	5'-gCg 3'				5'-CCA 3'	5'-ggC 3'	5'-gAg 3'					5'-CAA 3'
					74(307)				83(334)	74(307)	85(341)					38(199)
					5'-CAg 3'				5'-gTg 3'	5'-CAg 3'	5'-CAg 3'					5'-CAg 3'
										84(338)						38(200)
										5'-CCT 3'						5'-gCg 3'

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	175	175	65	200	85	80	125	125	85	65	155	95	70	145	60	110
PCR product									115	85	200	185	105		105	
										120	255					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRB1 allele ⁴																
*110101-110111	1		3		5		7									
*110201, 110202	1			4		6		8								
*1103	1		3			6		8								
*110401-110403, 110405	1		3		5			8								
*110404	1		3		5			8								
*1105		2	3		5		7									
*110601, 110602	1		3		5			8			11					
*1107	1							8	9	10						
*110801, 110802	1				5		7				11					
*1109	1		3		5		7						13			
*111001, 111002	1		3		5		7								15	
*111101, 111102	1		3			6	7									
*111201	1		3		5		7								15	
*111202	1		3		5		7								15	
*111301, 111302	1				5			8		10					15	
*111401, 111402	1			4		6	7									
*1115	1		3		5		7									16
*1116	1			4		6		8					13			
*1117	1				5			8		10				14	15	
*1118	1			4	5			8								
*111901, 111902	1			4	5		7									
*1120	1			4		6	7						13			
*1121	1			4		6		8			11					
*1122			3		5		7									
*1123	1		3		5		7		9	10						
*1124	1		3		5		7									16
*1125	1		3		5			8	9	10						
*1126	1				5		7			10						
*112701, 112702	1		3		5		7									
*112801	1		3		5		7						13			
*112802	1		3		5		7						13			
*1129	1		3		5		7									
*1130			3		5		7					12				
*1131	1			4	5		7									
*1132	1		3		5		7		9							

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	175	175	65	200	85	80	125	125	85	65	155	95	70	145	60	110
PCR product									115	85	200	185	105		105	
										120	255					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1133	1		3		5		7									
*1134	1				5			8		10						
*1135	1		3		5			8								
*1136	1					6		8			11					
*1137	1		3		5		7							14		
*1138	1		3		5			8								
*1139	1		3		5		7									
*1140	1		3			6		8					13			
*1141	1		3			6		8						14		
*1142	1				5			8			11					
*1143	1		3		5			8								
*1144	1		3		5			8								16
*1145	1			4	5		7		9	10						
*1146	1		3		5			8								
*1147	1		3		5			8			11					
*1148	1			4		6		8						14		
*1149	1		3		5		7									16
*1150	1		3		5			8						14		16
*1151	1		3				7									
*1152	1				5			8		10				14	15	
*1153	1						7									
*115401, 115402	1		3		5			8								
*1155	1		3		5	6		8	9	10						
*1156	1		3		5			8						14		
*1157	1				5			8			11					
*1158	1		3		5			8					13			
*1159	1		3			6		8					13			
*1160	1		3		5			8					13			
*1161	1		3		5		7					12				
*1162	1		3		5		7									
*1163	1		3			6		8								
*1164	1				5		7		9	10	11					
*116501, 116502	1			4		6		8								
*1166	1		3		5		7							15		
*1167		2	3		5			8	9	10						
*1168	1					6	7				11					
*1169	1						7									
*1170	1			4		6		8	9							

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	175	175	65	200	85	80	125	125	85	65	155	95	70	145	60	110
PCR product									115	85	200	185	105		105	
										120	255					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1172	1		3		5		7									
*1173	1			4			7									
*1174	1		3		5		7			10						
*1175	1		3		5		7				11					
*1176	1		3			6		8								16
*1177	1		3		5			8	9							
*1178	1		3		5			8								
*1179	1						7			10						
*1180	1		3		5		7									
*1181	1		3		5		7									
*1182	1						7									
*1183	1		3		5			8					13	14		
*1184	1		3		5			8								
*0103, 0414, 1367, 1374																
*0115, 0124, 0438, 0482, 0486, 07010101-070103, 0703, 0704, 0706-0717, 080302, 0814, 0815, 0818, 0819, 0823, 0825, 0827, 0829-083002, 0832-0838, 150201-150207, 1511, 1514, 1519, 1526, 1529, 1530, 1538, 1539, 160501, 160502, 1607, DRB3*0211, DRB5*0107, DRB5*0111, DRB5*0203																
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	175	175	65	200	85	80	125	125	85	65	155	95	70	145	60	110
PCR product									115	85	200	185	105		105	
										120	255					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*0123, 0412, 0418, 0425, 0436, 0453, 0458, 080401, 080404, 0806, 0810, 0812, 0822, 120101- 120103, 120302, 1205-1212, 1214, 1217, 1415, 1473, 1521, 1615																
*030201-0303, 0306, 0327, 0331, 0338, 0341, 130701, 130702, 1326, 1349, 1402, 140601, 140602, 1409, 1413, 1418, 1419, 1447, 1448, 1451, 1480, 1481, 1483														14		
*0304, 0321, 0330, 1465																
*0308	1							8	9	10			13			
*0310																
*0317, 1459														14		
*0320											11					
*0326														14		16
*0333, 0344																16
*0335, 140501- 140503, 1414, 1420, 142301-142303, 1436, 1443-1445, 1456, 1491														14		
*0337																
*0343																16
*0402, 0437, 1317, 1457, 1510																
*0415			3		5			8								
*0461					5		7			10						

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	175	175	65	200	85	80	125	125	85	65	155	95	70	145	60	110
PCR product									115	85	200	185	105		105	
										120	255					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*0817, 1216, 130501, 130502, 131401-131403, 1321, 1346, 135001, 135002, 1609																
*0820														14		
*0828, 120201-120204, 1213, 1215, 1218-1220, 131101, 131102, 1342																
*0831		2	3		5			8								
*1204		2			5			8								
*130101-130105, 1304, 1310, 1315, 1322, 1327, 1328, 1335, 1351, 1352, 1359, 1361, 1369, 1379, 1380, 1391-1393				4												
*130201-130203, 1323, 1331, 1339, 1341, 1366, 1373				4												
*130301-130303, 133301, 1336-1338, 1365, 1385				4										14		
*1306, 1377				4												
*1308, 1319, 1372, 1376, 1384				4										14		
*1309																
*1312, 133302, 133303, 1390				4										14		
*1313, 1463, 1467				4										14		
*1316				4												
*1318																
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	175	175	65	200	85	80	125	125	85	65	155	95	70	145	60	110
PCR product									115	85	200	185	105		105	
										120	255					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1320, 1371, 1378											11					
*1324, 1354, 1375																
*1325, 1356											11					
*1329											11					
*1330, 1382				4												
*1332, 1340, 1348, 1353, 1370				4										14		
*1334				4												16
*1343											11					
*1345				4												
*1347, 1355, 1425, 1427, 1458, 1489														14		
*1357, 1383, 1387				4												
*1358				4							11			14		
*1360											11			14		
*1362																16
*1363																
*1364, 1368				4												16
*1381				4							11			14		
*1388											11			14		
*1389, 1394				4										14		
*140101-140103, 140701-1408, 1422, 1426, 143201, 143202, 1434, 1438, 1439, 1449, 1454, 1455, 1460, 1462, 1470, 1475, 1482, 1487, 1488, 1490, 1492N														14		
*140301, 1469, 1485											11			14		
*140302											11					
*1411		2			5			8		10					15	
*1412											11			14		
*1416				4										14		
*1424														14		
*1429											11			14		

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	175	175	65	200	85	80	125	125	85	65	155	95	70	145	60	110
PCR product									115	85	200	185	105		105	
										120	255					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1435, 1472																
*1437														14		
*1440											11			14		
*1441, <i>DRB3*0114</i>														14		16
*1453																
*1474, 1484											11			14		
*1477											11			14		16
*1478				4										14		
*1486														14		
<i>DRB3*0218</i>							7			10		12				
<i>DRB5*0113</i>			3		5		7									
DRB1 allele ⁴																
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

[illegible]

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
90	95	180	115	135	115	120	155	110	120	85	85	100	100	85	75	Length of spec.
		225		175	180		250		160							PCR product
					215											
					245											
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
																DRB1 allele ⁴
													30			*110101-110111
											28					*110201, 110202
											28		30			*1103
													30	31		*110401-110403, 110405
								25					30	31		*110404
													30			*1105
							24						30	31		*110601, 110602
	18															*1107
																*110801, 110802
								25	26				30			*1109
			20					25	26				30			*111001, 111002
										27			30			*111101, 111102
			20										30			*111201
			20					25					30			*111202
			20					25	26						32	*111301, 111302
										27		29				*111401, 111402
					22								30			*1115
								25	26		28					*1116
17			20					25	26						32	*1117
														31		*1118
												29				*111901, 111902
								25	26	27		29				*1120
							24				28					*1121
				21				25					30			*1122
17		19											30			*1123
													30			*1124
17		19											30	31		*1125
																*1126
	18												30			*112701, 112702
													30			*112801
								25					30			*112802
			20										30			*1129
													30			*1130
		19										29				*1131
		19											30			*1132

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
90	95	180	115	135	115	120	155	110	120	85	85	100	100	85	75	Length of spec.
		225		175	180		250		160							PCR product
					215											
					245											
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
					22								30			*1133
																*1134
					22								30	31		*1135
											28					*1136
																*1137
						23							30	31		*1138
							24						30			*1139
								25	26		28		30			*1140
											28					*1141
														31		*1142
							24						30	31		*1143
			20										30	31		*1144
17		19										29				*1145
								25	26				30	31		*1146
			20				24						30	31		*1147
											28					*1148
			20										30			*1149
			20				24							31		*1150
													30		32	*1151
17		19	20					25	26						32	*1152
17																*1153
17													30	31		*115401, 115402
17		19									28		30			*1155
														31		*1156
							24							31		*1157
								25					30	31		*1158
				21				25	26		28		30			*1159
													30	31		*1160
													30			*1161
									26				30			*1162
			20								28		30			*1163
17		19														*1164
					22						28					*116501, 116502
													30			*1166
17													30	31		*1167
										27						*1168
					22											*1169
		19									28					*1170

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
90	95	180	115	135	115	120	155	110	120	85	85	100	100	85	75	Length of spec.
		225		175	180		250		160							PCR product
					215											
					245											
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
				21									30			*1172
										27		29				*1173
													30			*1174
													30			*1175
											28		30			*1176
													30	31		*1177
									26				30	31		*1178
																*1179
				21					26				30			*1180
					22		24						30			*1181
					22							29				*1182
				21				25	26					31		*1183
	18												30	31		*1184
										27		29				*0103, 0414, 1367, 1374
												29				*0115, 0124, 0438, 0482, 0486, 07010101-070103, 0703, 0704, 0706-0717, 080302, 0814, 0815, 0818, 0819, 0823, 0825, 0827, 0829-083002, 0832-0838, 150201-150207, 1511, 1514, 1519, 1526, 1529, 1530, 1538, 1539, 160501, 160502, 1607, DRB3*0211, DRB5*0107, DRB5*0111, DRB5*0203
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.

[illegible]

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
90	95	180	115	135	115	120	155	110	120	85	85	100	100	85	75	Length of spec.
		225		175	180		250		160							PCR product
					215											
					245											
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
													30			*0817, 1216, 130501, 130502, 131401- 131403, 1321, 1346, 135001, 135002, 1609
		19												31		*0820
													30	31		*0828, 120201- 120204, 1213, 1215, 1218-1220, 131101, 131102, 1342
														31		*0831
								25						31		*1204
											28					*130101-130105, 1304, 1310, 1315, 1322, 1327, 1328, 1335, 1351, 1352, 1359, 1361, 1369, 1379, 1380, 1391- 1393
										27		29				*130201-130203, 1323, 1331, 1339, 1341, 1366, 1373
										27		29				*130301-130303, 133301, 1336-1338, 1365, 1385
														31		*1306, 1377
			20								28					*1308, 1319, 1372, 1376, 1384
					22											*1309
												29				*1312, 133302, 133303, 1390
		19										29				*1313, 1463, 1467
																*1316
		19											30	31		*1318
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.

[illegible]

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
90	95	180	115	135	115	120	155	110	120	85	85	100	100	85	75	Length of spec.
		225		175	180		250		160							PCR product
					215											
					245											
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
		19	20													*1435, 1472
			20		22											*1437
		19	20													*1440
																*1441, DRB3*0114
		19											30			*1453
		19	20											31		*1474, 1484
		19														*1477
		19												31		*1478
		19	20				24									*1486
	18							25								DRB3*0218
																DRB5*0113
																DRB1 allele ⁴
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.