

INTERPRETATION TABLE

HLA-B*54 SSP subtyping

Amplification patterns of the B*5401 to 5413 alleles

	Tube ⁴							
	1	2	3	4	5	6	7	8
Length of spec.	215	105	160	165	180	105	140	275
PCR product						235		
Length of int.	800	1070	1070	1070	1070	1070	1070	1070
pos. control ¹								
5'-primer ²	1 st in.	357	106	103	420	357	106	419
	5'-CAG ^{3'}	5'-Tgg ^{3'}	5'-CCA ^{3'}	5'-CCT ^{3'}	5'-TTA ^{3'}	5'-Tgg ^{3'}	5'-CCA ^{3'}	5'-gTC ^{3'}
3'-primer(s) ³	175	420	226	226	553	419	207	3 rd
	5'-CCg ^{3'}	5'-gCT ^{3'}	5'-CAC ^{3'}	5'-CAC ^{3'}	5'-CTA ^{3'}	5'-CgT ^{3'}	5'-TCC ^{3'}	5'-TAT ^{3'}
					559	553		
					5'-CAG ^{3'}	5'-CTA ^{3'}		
Tube No.	1	2	3	4	5	6	7	8
HLA-B allele								
*5401	+	+	+					
*5402	+	+		+				
*5403	+	+	+		+			
*5404	+		+			+		
*5405N	+	+					+	
*5406	+		+					+
*5407	+	+	+					
*5408N	+	+	+		+	+		
*5409	+		+					+
*5410	+	+	+					
*5411	+		+			+		
*5412	+	+	+					
*5413	+	+	+					
Tube No.	1	2	3	4	5	6	7	8

Length of spec.	215	105	160	165	180	105	140	275
PCR product						235		
Tube No.	1	2	3	4	5	6	7	8
*0709, 0711, 0717, 0828, 1304, 15010101-150103, 150106-1503, 1506-1508, 151101-1516, 1518-1521, 1523-1526N, 152702-1529, 1532-1536, 1538-1540, 1543, 1544, 1546, 1547, 1549-1551, 1553, 1554, 1556, 1557, 1560-1562, 1564-1572, 1574-1576, 1578-1582, 1584, 1585, 1587-1589, 1592-1598, 9501-9506, 9508-9513, 9515-9522, 9525-9529, 9531, 9532, 9534, 9535, 9538, 9539, 1802, 1808, 1815, 1818, 1819, 1821, 1822, 1827, 350101-350106, 3507-350803, 3511, 351401-3517, 3519-3521, 3523-3530, 3535, 3537, 3540N-3543, 3545-3550, 3552-3554, 3557, 3558, 3561-3564, 3567-3569, 3571, 3576-3579, 3582, 4059, 4060, 4209, 4417, 4443, 460101-4605, 4607N-4610, 4612, 4802, 4904, 4905, 5137, 5145, 530101-5303, 5305, 5306, 5308-5313, 5514, 5523, 5603, 5609, 570101-570103, 5706, 5708, 5710, 5711, 5713, 5714, 5801, 5802, 5804-5807, 5809-5815								+
*0713				+				
*0748, 0813, 0825, 1311, 1548, 1826, 2707, 2711, 2732-2734, 3522, 3531, 380101-3809, 3812-3817, 39010101-39010102L, 390103-3905, 3907, 3908, 3910-3917, 3919, 3920, 3922, 3923, 3925N-3932, 3937-3941, 400101-400103, 400105-400203, 4007-401403, 4018, 4019, 4021, 4022N, 4024, 4025, 4027, 4029, 4031, 4033, 4035-4037, 4039, 4040, 4042, 4043, 4045-4050, 4054-4058, 4061-4063, 4065-4067, 4069, 4072-4074, 4076-4078, 4431, 4454, 480101-480102, 480301, 4804, 4806, 4807, 4809-4813, 4816, 4818, 5504, 5508, 5610, 670101-670102, 8101-8103								
Tube No.	1	2	3	4	5	6	7	8

Length of spec.	215	105	160	165	180	105	140	275
PCR product						235		
Tube No.	1	2	3	4	5	6	7	8
*0809, 1583, 2714, 40060101-400602, 4044, 4053, 4070, 4075, 4101, 4105-4107, 4204, 4420, 4447, 510101-5103, 5107-5112, 5114, 5116-5124, 5126-5128, 5130-5136, 5138, 5140, 5141N, 5143, 5144N, 5148-5151, 520101-5211, 5517, 5520, 5527, 5528, 560501-5606, 5615, 5621, 5808, 5902, 7801-7805						+		
*130201-130204, 1308Q, 1309, 1314-1316, 1319, 1542, 3560, 4503, 550101-5503, 5505, 5507, 5510-5512, 5515, 5516, 5518, 5519, 5522, 5524-5526, 5619N, 5901		+						
*1303, 4415, 4418, 4501, 4504-4507, 4611, 4901-4903, 5001, 5002, 5004, 5115, 5601, 5607, 5608, 5613, 5614, 5616, 5617, 5620		+			+			
*1310, 1505, 1531, 1552, 1555, 1591, 9507, 9514, 9523, 9524, 9536, 180101-180103, 1803-1807, 1809-1814, 1817N, 1820, 1823N-1825, 3505, 3532, 3551, 3566, 3572, 3943, 4003, 4020, 4038, 4052, 4606, 4814, 5618								+
*1318, 5509, 5521		+						
*150104	+							+
*1504								+
*1573, 4410, 8201, 8202					+			
*9537, 3933								
*370104	+							
*3811, 6702				+				
*4071, 5602, 5604					+			
*4424			+					
*5105, 5129						+		
*5139			+			+		
HLA-B allele								
Tube No.	1	2	3	4	5	6	7	8
Cw*0203								
Tube No.	1	2	3	4	5	6	7	8

INTERPRETATION TABLE

HLA-B*54 SSP subtyping

Amplification patterns of the B*5401 to 5413 alleles

Tube ⁴						
9	10	11	12	13	14	
200	225	185	150	135	210	Length of spec. PCR product
1070	1070	1070	1070	1070	800	Length of int. pos. control ¹
369	357	357	206	133	106	5'-primer ²
5'-TAC ^{3'}	5'-Tgg ^{3'}	5'-Tgg ^{3'}	5'-Agg ^{3'}	5'-CCg ^{3'}	5'-CCA ^{3'}	
527	539	499	317	226	275	3'-primer(s) ³
5'-CCA ^{3'}	5'-TCC ^{3'}	5'-ggA ^{3'}	5'-ggA ^{3'}	5'-CAC ^{3'}	5'-CCA ^{3'}	
9	10	11	12	13	14	Tube No.
						HLA-B allele
						*5401
						*5402
						*5403
						*5404
						*5405N
						*5406
					+	*5407
						*5408N
+						*5409
	+					*5410
		+				*5411
			+			*5412
				+		*5413
9	10	11	12	13	14	Tube No.

200	225	185	150	135	210	Length of spec.
						PCR product
9	10	11	12	13	14	Tube No.
						*0709, 0711, 0717, 0828, 1304, 15010101-150103, 150106-1503, 1506-1508, 151101-1516, 1518-1521, 1523-1526N, 152702-1529, 1532-1536, 1538-1540, 1543, 1544, 1546, 1547, 1549-1551, 1553, 1554, 1556, 1557, 1560-1562, 1564-1572, 1574-1576, 1578-1582, 1584, 1585, 1587-1589, 1592-1598, 9501-9506, 9508-9513, 9515-9522, 9525-9529, 9531, 9532, 9534, 9535, 9538, 9539, 1802, 1808, 1815, 1818, 1819, 1821, 1822, 1827, 350101-350106, 3507-350803, 3511, 351401-3517, 3519-3521, 3523-3530, 3535, 3537, 3540N-3543, 3545-3550, 3552-3554, 3557, 3558, 3561-3564, 3567-3569, 3571, 3576-3579, 3582, 4059, 4060, 4209, 4417, 4443, 460101-4605, 4607N-4610, 4612, 4802, 4904, 4905, 5137, 5145, 530101-5303, 5305, 5306, 5308-5313, 5514, 5523, 5603, 5609, 570101-570103, 5706, 5708, 5710, 5711, 5713, 5714, 5801, 5802, 5804-5807, 5809-5815
						*0713
						*0748, 0813, 0825, 1311, 1548, 1826, 2707, 2711, 2732-2734, 3522, 3531, 380101-3809, 3812-3817, 39010101-39010102L, 390103-3905, 3907, 3908, 3910-3917, 3919, 3920, 3922, 3923, 3925N-3932, 3937-3941, 400101-400103, 400105-400203, 4007-401403, 4018, 4019, 4021, 4022N, 4024, 4025, 4027, 4029, 4031, 4033, 4035-4037, 4039, 4040, 4042, 4043, 4045-4050, 4054-4058, 4061-4063, 4065-4067, 4069, 4072-4074, 4076-4078, 4431, 4454, 480101-480102, 480301, 4804, 4806, 4807, 4809-4813, 4816, 4818, 5504, 5508, 5610, 670101-670102, 8101-8103
9	10	11	12	13	14	Tube No.

200	225	185	150	135	210	Length of spec.
						PCR product
9	10	11	12	13	14	Tube No.
						*0809, 1583, 2714, 40060101-400602, 4044, 4053, 4070, 4075, 4101, 4105-4107, 4204, 4420, 4447, 510101-5103, 5107-5112, 5114, 5116-5124, 5126-5128, 5130-5136, 5138, 5140, 5141N, 5143, 5144N, 5148-5151, 520101-5211, 5517, 5520, 5527, 5528, 560501-5606, 5615, 5621, 5808, 5902, 7801-7805
						*130201-130204, 1308Q, 1309, 1314-1316, 1319, 1542, 3560, 4503, 550101-5503, 5505, 5507, 5510-5512, 5515, 5516, 5518, 5519, 5522, 5524-5526, 5619N, 5901
						*1303, 4415, 4418, 4501, 4504-4507, 4611, 4901-4903, 5001, 5002, 5004, 5115, 5601, 5607, 5608, 5613, 5614, 5616, 5617, 5620
+						*1310, 1505, 1531, 1552, 1555, 1591, 9507, 9514, 9523, 9524, 9536, 180101-180103, 1803-1807, 1809-1814, 1817N, 1820, 1823N-1825, 3505, 3532, 3551, 3566, 3572, 3943, 4003, 4020, 4038, 4052, 4606, 4814, 5618
	+					*1318, 5509, 5521
						*150104
	+					*1504
						*1573, 4410, 8201, 8202
	+					*9537, 3933
						*370104
+						*3811, 6702
+						*4071, 5602, 5604
						*4424
	+					*5105, 5129
						*5139
						HLA-B allele
9	10	11	12	13	14	Tube No.
+						Cw*0203
9	10	11	12	13	14	Tube No.