

# INTERPRETATION TABLE

## HLA-B\*46 SSP subtyping

Amplification patterns of the B\*4601 to 4612 alleles

	Tube							
	1	2	3	4	5	6	7	8
Length of spec.	130	125	115	130	235	230	140	115
PCR product								
Length of int.	<b>800</b>	1070	1070	1070	1070	<b>800</b>	1070	1070
pos. control1								
5'-primer2	209	209	463	209	106	419	463	463
	<small>5'-ggC<sup>3'</sup></small>	<small>5'-ggC<sup>3'</sup></small>	<small>5'-TgA<sup>3'</sup></small>	<small>5'-ggg<sup>3'</sup></small>	<small>5'-CCA<sup>3'</sup></small>	<small>5'-gTC<sup>3'</sup></small>	<small>5'-TgA<sup>3'</sup></small>	<small>5'-TgA<sup>3'</sup></small>
3'-primer(s)3	299	293	538	299	299	610	564	539
	<small>5'TCA<sup>3'</sup></small>	<small>5'-ggC<sup>3'</sup></small>	<small>5'-CCg<sup>3'</sup></small>	<small>5'TCA<sup>3'</sup></small>	<small>5'TCA<sup>3'</sup></small>	<small>5'CTC<sup>3'</sup></small>	<small>5'ACT<sup>3'</sup></small>	<small>5'-TCA<sup>3'</sup></small>
								<b>544</b>
								<small>5'-ggT<sup>3'</sup></small>
Tube No.	1	2	3	4	5	6	7	8
HLA-B allele								
*460101-460102	+				+			
*4602	+	+			+			
*4603	+		+		+			
*4604				+	+			
*4605	+							
*4606	+				+	+		
*4607N	+				+		+	
*4608	+				+			+
*4609	+				+			
*4610	+				+			
*4611	+				+			+
*4612	+				+			
*0709, 0711, 4038, 4052, 4059, 4209						+		
*0755, 4819								
*0815, 4073					+			
Tube No.	1	2	3	4	5	6	7	8

Length of spec.	130	125	115	130	235	230	140	115
PCR product								
Tube No.	1	2	3	4	5	6	7	8
*1301, 1304, 1306, 1307N, 1310-1313, 1317, 1320, 1401-140202, 1404-140602, 1502, 1503, 1505, 1506, 1509, 1510, 1513, 1516-1518, 1520, 1521, 1523, 1525, 1529, 1531, 1536, 1537, 1539, 1540, 1544, 1548, 1552, 1555, 1561, 1562, 1564, 1567, 1569, 1574, 1580, 1586, 1588, 1589, 1591, 1593, 1595, 1598, 9503, 9506, 9508, 9512, 9514, 9515, 9519, 9521, 9523, 9524, 9527, 9531-9534, 9536, 9539, 180101-1812, 1814, 1815, 1817N, 1818, 1820, 1822-1827, 2701-270402, 270502-2706, 2708-2710, 2712-2719, 2721, 2723, 2726-2732, 2735, 2737, 2738, 350101, 350103-3507, 3510-3513, 3515-3517, 3519-3530, 3532-3537, 3539-3542, 3546-3553N, 3555-3559, 3563, 3565Q, 3568-3572, 3575-3578, 3582, 3583, 3702								+
380101-3817, 39010101-39010102L, 390103-3907, 3909, 3910, 3912-3917, 3919, 3920, 3922-3932, 3934, 3935, 3937-3939, 3941-3943, 4026, 4028, 4035, 4071, 4077, 440301-440303, 4407, 4410, 4413, 4426, 4429, 4430, 4432, 4436-4440, 4443, 4445-4447, 4450, 4454, 4457, 47010101-4705, 4802, 4812, 4904, 4905, 510101-5104, 5106, 5107, 510901-510902, 5111N-5114, 5116-5119, 5121-5123, 5126-5128, 5130-5135, 5137-5143, 5145, 5146, 5148-5151, 520101-5211, 530101-5310, 5312, 5313, 5404, 5409, 5513, 5514, 5517, 5523, 5527, 5528, 5602, 5604-5606, 5609-5612, 5615, 5618, 5621, 570101-570103, 570301-570302, 5706-5708, 5710, 5711, 5714, 5801, 5802, 5804-5815, 670101-6702, 7801-7805								+
Tube No.	1	2	3	4	5	6	7	8

Length of spec.	130	125	115	130	235	230	140	115
PCR product								
Tube No.	1	2	3	4	5	6	7	8
*130201-1303, 1309, 1314-1316, 1319, 1542, 3560, 4901-4903, 5001, 5002, 5004, 5115, 5401-5403, 5405N, 5407, 5408N, 5412, 5413, 550101-550202, 5505, 5507, 5510-5512, 5515, 5516, 5518, 5519, 5522, 5524-5526, 5601, 5607, 5608, 5614, 5616, 5617, 5901								+
*1308Q, 4415, 4418, 4501, 4503-4507, 5613, 5620								
*1318, 5410, 5509			+					
*1403, 1547, 1549, 1565, 1584, 1599, 1813, 350801-350803, 3545, 3561, 3933, 4404, 4428, 4456N, 5105, 5129, 5311, 5702, 5704, 5705, 5712			+					
*1407N, 3940N,							+	+
*15010101-150104, 150106, 1504, 1508, 151101-1512, 1514, 1515, 1519, 1524, 1526N-1528, 1530, 1532, 1534, 1535, 1538, 1543, 1546, 1550, 1553, 1554, 1556, 1558, 1560, 1563, 1566, 1570, 1571, 1573, 1575-1577, 1579N, 1581, 1582, 1585, 1587, 1592, 1594N, 1596, 1597, 9501, 9502, 9504, 9505, 9509-9511N, 9513, 9517, 9518, 9520, 9522, 9528, 9529, 9535, 9537, 1819, 2725, 351401-351402, 3543, 3544, 3567, 3936, 5406, 5603								
*1507, 1545, 1568, 9526								
*1557	W				W			
*9525								
*9538, 4814						+		+
*3554								+
*3562								
*3566			+			+		
*3574					+			+
*3579								
*3908, 3911			W					+
*3918								+
*5503					+			+
*5521								
Tube No.	1	2	3	4	5	6	7	8

<b>Length of spec.</b>	<b>130</b>	<b>125</b>	<b>115</b>	<b>130</b>	<b>235</b>	<b>230</b>	<b>140</b>	<b>115</b>
<b>PCR product</b>								
<b>Tube No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
<b>*5619N</b>							<b>+</b>	<b>+</b>
<b>HLA-B allele</b>								
<b>Tube No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
<b>A*3304</b>								<b>+</b>
<b>Tube No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>

# INTERPRETATION TABLE

## HLA-B\*46 SSP subtyping

Amplification patterns of the B\*4601 to 4612 alleles

Tube						
9	10	11	12	13	14	
115	100	150	170	105	215	Length of spec. PCR product
1070	<b>800</b>	1070	1070	1070	1070	Length of int. pos. control <sup>1</sup>
463	106	419	142	357	363	5'-primer <sup>2</sup>
5'-TgA <sup>3'</sup>	5'-CCg <sup>3'</sup>	5'-gTC <sup>3'</sup>	5'-TCA <sup>3'</sup>	5'-Tgg <sup>3'</sup>	5'-AgC <sup>3'</sup>	
538	165	527	269	420	538	3'-primer(s) <sup>3</sup>
5'-CCA <sup>3'</sup>	5'-Tgg <sup>3'</sup>	5'-CCA <sup>3'</sup>	5'-ACT <sup>3'</sup>	5'-gCT <sup>3'</sup>	5'-CCA <sup>3'</sup>	
9	10	11	12	13	14	Tube No.
						HLA-B allele
+						*460101-460102
+						*4602
						*4603
+						*4604
+	+					*4605
						*4606
+						*4607N
						*4608
+		+				*4609
+			+			*4610
				+		*4611
+					+	*4612
						*0709, 0711, 4038, 4052, 4059, 4209
					+	*0755, 4819
						*0815, 4073
9	10	11	12	13	14	Tube No.

115	100	150	170	105	215	Length of spec. PCR product
9	10	11	12	13	14	Tube No.
						*1301, 1304, 1306, 1307N, 1310-1313, 1317, 1320, 1401-140202, 1404-140602, 1502, 1503, 1505, 1506, 1509, 1510, 1513, 1516-1518, 1520, 1521, 1523, 1525, 1529, 1531, 1536, 1537, 1539, 1540, 1544, 1548, 1552, 1555, 1561, 1562, 1564, 1567, 1569, 1574, 1580, 1586, 1588, 1589, 1591, 1593, 1595, 1598, 9503, 9506, 9508, 9512, 9514, 9515, 9519, 9521, 9523, 9524, 9527, 9531- 9534, 9536, 9539, 180101-1812, 1814, 1815, 1817N, 1818, 1820, 1822-1827, 2701- 270402, 270502-2706, 2708-2710, 2712- 2719, 2721, 2723, 2726-2732, 2735, 2737, 2738, 350101, 350103-3507, 3510-3513, 3515-3517, 3519-3530, 3532-3537, 3539- 3542, 3546-3553N, 3555-3559, 3563, 3565Q, 3568-3572, 3575-3578, 3582, 3583, 3702
						380101-3817, 39010101-39010102L, 390103-3907, 3909, 3910, 3912-3917, 3919, 3920, 3922-3932, 3934, 3935, 3937- 3939, 3941-3943, 4026, 4028, 4035, 4071, 4077, 440301-440303, 4407, 4410, 4413, 4426, 4429, 4430, 4432, 4436-4440, 4443, 4445-4447, 4450, 4454, 4457, 47010101- 4705, 4802, 4812, 4904, 4905, 510101- 5104, 5106, 5107, 510901-510902, 5111N- 5114, 5116-5119, 5121-5123, 5126-5128, 5130-5135, 5137-5143, 5145, 5146, 5148- 5151, 520101-5211, 530101-5310, 5312, 5313, 5404, 5409, 5513, 5514, 5517, 5523, 5527, 5528, 5602, 5604-5606, 5609-5612, 5615, 5618, 5621, 570101-570103, 570301- 570302, 5706-5708, 5710, 5711, 5714, 5801, 5802, 5804-5815, 670101-6702, 7801-7805
9	10	11	12	13	14	Tube No.

115	100	150	170	105	215	Length of spec. PCR product
9	10	11	12	13	14	Tube No.
				+		*130201-1303, 1309, 1314-1316, 1319, 1542, 3560, 4901-4903, 5001, 5002, 5004, 5115, 5401-5403, 5405N, 5407, 5408N, 5412, 5413, 550101-550202, 5505, 5507, 5510-5512, 5515, 5516, 5518, 5519, 5522, 5524-5526, 5601, 5607, 5608, 5614, 5616, 5617, 5901
				+		*1308Q, 4415, 4418, 4501, 4503-4507, 5613, 5620
				+		*1318, 5410, 5509
						*1403, 1547, 1549, 1565, 1584, 1599, 1813, 350801-350803, 3545, 3561, 3933, 4404, 4428, 4456N, 5105, 5129, 5311, 5702, 5704, 5705, 5712
						*1407N, 3940N,
+						*15010101-150104, 150106, 1504, 1508, 151101-1512, 1514, 1515, 1519, 1524, 1526N-1528, 1530, 1532, 1534, 1535, 1538, 1543, 1546, 1550, 1553, 1554, 1556, 1558, 1560, 1563, 1566, 1570, 1571, 1573, 1575-1577, 1579N, 1581, 1582, 1585, 1587, 1592, 1594N, 1596, 1597, 9501, 9502, 9504, 9505, 9509-9511N, 9513, 9517, 9518, 9520, 9522, 9528, 9529, 9535, 9537, 1819, 2725, 351401-351402, 3543, 3544, 3567, 3936, 5406, 5603
+					+	*1507, 1545, 1568, 9526
+						*1557
+	+					*9525
						*9538, 4814
	+					*3554
+		+				*3562
						*3566
						*3574
W						*3579
						*3908, 3911
+						*3918
				+		*5503
+				+		*5521
9	10	11	12	13	14	Tube No.

<b>115</b>	<b>100</b>	<b>150</b>	<b>170</b>	<b>105</b>	<b>215</b>	<b>Length of spec.</b>
						<b>PCR product</b>
<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>Tube No.</b>
				<b>+</b>		<b>*5619N</b>
						<b>HLA-B allele</b>
<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>Tube No.</b>
						<b>A*3304</b>
<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>Tube No.</b>