

# INTERPRETATION TABLE

## HLA-B\*58 SSP subtyping

Amplification patterns of the B\*5801 to B\*5815 alleles

	Tube <sup>5</sup>							
	1	2	3	4	5	6	7	8
Length of spec.	90	150	240	190	90	170	80	250
PCR product				230				
Length of int.	<b>800</b>	<b>800</b>	<b>800</b>	1070	1070	1070	1070	1070
pos. control <sup>1</sup>								
5'-primer(s) <sup>2</sup>	209	355	361	106	463	527	486	361
	5'-ggA <sup>3'</sup>	5'-TCA <sup>3'</sup>	5'-AgT <sup>3'</sup>	5'-CCA <sup>3'</sup>	5'-TgA <sup>3'</sup>	5'-TgA <sup>3'</sup>	5'-ACC <sup>3'</sup>	5'-AgT <sup>3'</sup>
3'-primer(s) <sup>3</sup>	256	463	559	256	512	3 <sup>rd</sup> I	527	572
	5'-CCC <sup>3'</sup>	5'-gCT <sup>3'</sup>	5'-CAg <sup>3'</sup>	5'-CTC <sup>3'</sup>	5'-CCA <sup>3'</sup>	5'-TAT <sup>3'</sup>	5'-CCT <sup>3'</sup>	5'-gCg <sup>3'</sup>
				296				
				5'-CTg <sup>3'</sup>				
Tube No.	1	2	3	4	5	6	7	8
HLA-B allele <sup>4</sup>								
*5801	+	+						
*5802	+		+					
*5804		+		+				
*5805	+	+			+			
*5806	+		+			+	+	
*5807	+		+					+
*5808	+					+	+	
*5809	+	+						
*5810N	+	+						
*5811	+	+						
*5812	+	+						
*5813	+	+						
*5814	+	+						
*5815	+	+		+				
Tube No.	1	2	3	4	5	6	7	8

Length of spec.	90	150	240	190	90	170	80	250
PCR product				230				
Tube No.	1	2	3	4	5	6	7	8
*070201-0724, 0726-0747, 0749N, 0750, 0752-0757, 0759, 0760, 0806, 0820, 15010101-150104, 150106, 1503, 1504, 1506-1512, 1514-1519, 1523, 1524, 1526N, 1530, 1532-1535, 1537-1540, 1543, 1545-1547, 1549, 1550, 1553, 1554, 1556-1558, 1560, 1561, 1563-1574, 1576, 1578, 1579N, 1581, 1582, 1587, 1590, 1592-1599, 9501, 9503, 9504, 9508-9510, 9513, 9515-9520, 9522, 9525-9529, 9531-9535, 9537, 9538, 1819, 1821, 270401-270402, 2706, 2710, 2715, 2718, 2720, 2721, 2724, 2725, 3543, 3579, 3707, 3918, 3936, 4005, 4015, 4016, 4023, 4026, 4032, 4051, 460101-4605, 4607N, 4608, 4610, 4612, 4805, 4808, 4815, 5406, 5501-5508, 5710						+		
Tube No.	1	2	3	4	5	6	7	8

Length of spec.	90	150	240	190	90	170	80	250
PCR product				230				
Tube No.	1	2	3	4	5	6	7	8
*0725, 0748, 0751, 080101-0805, 0807-0819N, 0821-0834, 130201-1304, 1308Q-1311, 1314, 1315, 1318, 1319, 1321, 1505, 1531, 1548, 1551, 1552, 1555, 1575, 1583, 1584, 1586, 1591, 9505, 9507, 9511N, 9514, 9523, 9536, 180101-1814, 1817N, 1818, 1820, 1823N-1827, 2701-2703, 270502-270510, 2707-2709, 2711-2714, 2716, 2717, 2723, 2726-2729, 2731-2738, 3531, 3560, 3702, 3709, 3712, 380101-3809, 3811-3817, 39010101-39010102L, 390103-3917, 3919, 3920, 3922-3934, 3937-3941, 3943, 400101-4004, 40060101-401403, 4018-4022N, 4024, 4025, 4027, 4029-4031, 4033-4040, 4042-4050, 4052-4076, 4078, 4101-4108, 4201, 4202, 4204-4209, 4415, 4418, 4420, 4431, 4441, 4447, 4453, 4454, 4501-4507, 4606, 4609, 4611, 47010101-4705, 480101-480102, 480301-4804, 4806, 4807, 4809-4813, 4816-4819, 5401-5405N, 5407-5413, 550201-550202, 5504, 5507, 5508, 5510, 5512, 5513, 5516, 5518-5520, 5522, 5523, 5526, 5527, 5601, 5602, 5604, 5607, 5608, 5610, 5613-5620, 5901, 5902, 670101-6702, 8101, 8102,								
*0758, 9502						+		
*1301, 1306, 1307N, 1312, 1313, 1317, 1588, 2719, 2730, 3546, 3557, 370101-370104, 3703N, 3705, 3706, 3708, 3710, 3711, 3942, 44020101-4414, 4416, 4417, 4419N, 4421-4430, 4432-4440, 4442-4446, 4448-4452N, 4455-4457, 5609, 5611, 5612, 570101-5708, 5710, 5712,		+						
*1316, 1401-140202, 1404-1407N, 1542, 1815, 3810, 3935, 4901-4905, 5001, 5002, 5004, 5207, 550101-550104, 5503, 5505, 5511, 5515, 5517, 5524, 5525, 5528, 560501-5606						+	+	
Tube No.	1	2	3	4	5	6	7	8

Length of spec.	90	150	240	190	90	170	80	250
PCR product				230				
Tube No.	1	2	3	4	5	6	7	8
*1320		+				+	+	
*1403, 5509						+	W	
*1502, 1513, 1521, 1525, 1536, 1544, 1562, 1577, 1580, 1585, 1589, 9506, 9512, 9521, 9539, 3713, 5709		+				+		
*1520, 350101-350402, 3506-350803, 3510, 3512, 3513, 3515-3517, 3519-352002, 3523, 3525-3530, 3533-3536, 3538-3542, 3545, 3547-3550, 3552-3556, 3559, 3561-3563, 3565Q, 3569-3571, 3574, 3576-3578, 3582, 3583, 4802, 530101-530104, 5303-5305, 5309-5313		+						
*9524, 4077, 4814					+			
*1822, 3704		+						
*3505, 350901-350902, 3518, 3522, 3532, 3537, 3551, 3564, 3566, 3568, 3572, 3575, 5105, 5108-5110, 5115, 5119, 5120, 5131, 5140, 5144N, 5203, 5210, 5307, 7804, 8103								
*3511, 5308		+				+	+	
*351401-351402		+				+		
*3521, 5104, 5146, 5306		+				+	+	
*3524, 5302		+						
*3544, 3567, 5136						+		
*3558, 510101-5103, 5106, 5107, 5111N-5114, 5116-5118, 5121-5124, 5126-5128, 5130, 5132-5135, 5137-5139, 5141N, 5143, 5145, 5148-5151, 520101-5202, 5204-520602, 5208, 5209, 5211, 5621, 7801-7803, 7805						+	+	
*4028		+				+	+	
*5129						+	W	
*5142		+						
*5514		+				+	+	
*5711			+					
*5714		+						
HLA-B allele <sup>4</sup>								
Tube No.	1	2	3	4	5	6	7	8
Cw*0317			+					
Tube No.	1	2	3	4	5	6	7	8

## INTERPRETATION TABLE

### HLA-B\*58 SSP subtyping

Amplification patterns of the B\*5801 to B\*5815 alleles

Tube <sup>5</sup>								
9	10	11	12	13	14	15	16	
160	270	205	235	165	165	155	145	Length of spec. PCR product
800	800	1070	1070	1070	1070	1070	1070	Length of int. pos. control <sup>1</sup>
141	355	361	366	652	652	142	454	5'-primer(s) <sup>2</sup>
5'-ATT <sup>3'</sup>	5'-TCA <sup>3'</sup>	5'-AgT <sup>3'</sup>	5'-ATT <sup>3'</sup>	5'-CCg <sup>3'</sup>	5'-CCA <sup>3'</sup>	5'-TCT <sup>3'</sup>	5'-ACA <sup>3'</sup>	
362								
5'-ggT <sup>3'</sup>								
256	585	527	559	774	774	256	559	3'-primer(s) <sup>3</sup>
5'-CCC <sup>3'</sup>	5'-gTg <sup>3'</sup>	5'-CCA <sup>3'</sup>	5'-CAg <sup>3'</sup>	5'-ggT <sup>3'</sup>	5'-ggT <sup>3'</sup>	5'-CCC <sup>3'</sup>	5'-CAg <sup>3'</sup>	
486								
5'-gCg <sup>3'</sup>								
9	10	11	12	13	14	15	16	Tube No. HLA-B allele <sup>4</sup>
				+				*5801
		+		+				*5802
				+				*5804
				+				*5805
				+				*5806
		+		+				*5807
+				+				*5808
	+			+				*5809
			+	+				*5810N
					+			*5811
				+		+		*5812
				+			+	*5813
+				+				*5814
				+				*5815
9	10	11	12	13	14	15	16	Tube No.

155	270	205	235	165	165	155	145	Length of spec. PCR product
9	10	11	12	13	14	15	16	Tube No.
					+			*070201-0724, 0726-0747, 0749N, 0750, 0752-0757, 0759, 0760, 0806, 0820, 15010101-150104, 150106, 1503, 1504, 1506-1512, 1514-1519, 1523, 1524, 1526N, 1530, 1532-1535, 1537-1540, 1543, 1545-1547, 1549, 1550, 1553, 1554, 1556-1558, 1560, 1561, 1563-1574, 1576, 1578, 1579N, 1581, 1582, 1587, 1590, 1592-1599, 9501, 9503, 9504, 9508-9510, 9513, 9515-9520, 9522, 9525-9529, 9531-9535, 9537, 9538, 1819, 1821, 270401-270402, 2706, 2710, 2715, 2718, 2720, 2721, 2724, 2725, 3543, 3579, 3707, 3918, 3936, 4005, 4015, 4016, 4023, 4026, 4032, 4051, 460101-4605, 4607N, 4608, 4610, 4612, 4805, 4808, 4815, 5406, 5501, 5502, 5710
9	10	11	12	13	14	15	16	Tube No.

155	270	205	235	165	165	155	145	Length of spec.
								PCR product
9	10	11	12	13	14	15	16	Tube No.
					+			*0725, 0748, 0751, 080101-0805, 0807-0819N, 0821-0834, 130201-1304, 1308Q-1311, 1314, 1315, 1318, 1319, 1321, 1505, 1531, 1548, 1551, 1552, 1555, 1575, 1583, 1584, 1586, 1591, 9505, 9507, 9511N, 9514, 9523, 9536, 180101-1814, 1817N, 1818, 1820, 1823N-1827, 2701-2703, 270502-270510, 2707-2709, 2711-2714, 2716, 2717, 2723, 2726-2729, 2731-2738, 3531, 3560, 3702, 3709, 3712, 380101-3809, 3811-3817, 39010101-39010102L, 390103-3917, 3919, 3920, 3922-3934, 3937-3941, 3943, 400101-4004, 40060101-401403, 4018-4022N, 4024, 4025, 4027, 4029-4031, 4033-4040, 4042-4050, 4052-4076, 4078, 4101-4108, 4201, 4202, 4204-4209, 4415, 4418, 4420, 4431, 4441, 4447, 4453, 4454, 4501-4507, 4606, 4609, 4611, 47010101-4705, 480101-480102, 480301-4804, 4806, 4807, 4809-4813, 4816-4819, 5401-5405N, 5407-5413, 550201-550202, 5504, 5507, 5508, 5510, 5512, 5513, 5516, 5518-5520, 5522, 5523, 5526, 5527, 5601, 5602, 5604, 5607, 5608, 5610, 5613-5620, 5901, 5902, 670101-6702, 8101, 8102,
								*0758, 9502
					+			*1301, 1306, 1307N, 1312, 1313, 1317, 1588, 2719, 2730, 3546, 3557, 370101-370104, 3703N, 3705, 3706, 3708, 3710, 3711, 3942, 44020101-4414, 4416, 4417, 4419N, 4421-4430, 4432-4440, 4442-4446, 4448-4452N, 4455-4457, 5609, 5611, 5612, 570101-5708, 5710, 5712,
					+			*1316, 1401-140202, 1404-1407N, 1542, 1815, 3810, 3935, 4901-4905, 5001, 5002, 5004, 5207, 550101-550104, 5503, 5505, 5511, 5515, 5517, 5524, 5525, 5528, 560501-5606
9	10	11	12	13	14	15	16	Tube No.

155	270	205	235	165	165	155	145	Length of spec.
								PCR product
9	10	11	12	13	14	15	16	Tube No.
					+			*1320
					+			*1403, 5509
					+			*1502, 1513, 1521, 1525, 1536, 1544, 1562, 1577, 1580, 1585, 1589, 9506, 9512, 9521, 9539, 3713, 5709
				+				*1520, 350101-350402, 3506-350803, 3510, 3512, 3513, 3515-3517, 3519-352002, 3523, 3525-3530, 3533-3536, 3538-3542, 3545, 3547-3550, 3552-3556, 3559, 3561-3563, 3565Q, 3569-3571, 3574, 3576-3578, 3582, 3583, 4802, 530101-530104, 5303-5305, 5309-5313
					+			*9524, 4077, 4814
	+				+			*1822, 3704
				+				*3505, 350901-350902, 3518, 3522, 3532, 3537, 3551, 3564, 3566, 3568, 3572, 3575, 5105, 5108-5110, 5115, 5119, 5120, 5131, 5140, 5144N, 5203, 5210, 5307, 7804, 8103
				+				*3511, 5308
				+				*351401-351402
	+			+				*3521, 5104, 5146, 5306
	+			+				*3524, 5302
				+				*3544, 3567, 5136
				+				*3558, 510101-5103, 5106, 5107, 5111N-5114, 5116-5118, 5121-5124, 5126-5128, 5130, 5132-5135, 5137-5139, 5141N, 5143, 5145, 5148-5151, 520101-5202, 5204-520602, 5208, 5209, 5211, 5621, 7801-7803, 7805
	+				+			*4028
				+				*5129
								*5142
+					+			*5514
		+			+			*5711
+	+				+			*5714
								HLA-B allele <sup>4</sup>
9	10	11	12	13	14	15	16	Tube No.
								Cw*0317
9	10	11	12	13	14	15	16	Tube No.