

INTERPRETATION TABLE

HLA-B*07 SSP subtyping

Amplification patterns of the B*0702 to B*0760 alleles

	Tube ⁵															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	400	285	235	105	220	215	110	160	240	285	210	230	85	110	385	230
PCR product							215	235	365	415			290	395	425	
									390							
Length of int.	800	1070	1070	800	1070	1070	1070	1070	1070	800	1070	1070	1070	1070	1070	1070
pos. control ¹																
5'-primer(s) ²	44	363	412	540	103	103	97	412	650	44	103	419	355	44	44	103
	5'-ggC ³	5'-AgC ³	5'-ATg ³	5'-Cgg ³	5'-CCT ³	5'-CCT ³	5'-TCg ³	5'-ATA ³	5'-CCT ³	5'-ggC ³	5'-CCT ³	5'-gTC ³	5'-TCA ³	5'-ggC ³	5'-ggC ³	5'-CCT ³
					103	103	540	636	693	363	103	419	560	539		103
					5'-CCT ³	5'-CCT ³	5'-gAC ³	5'-CAC ³	5'-ggT ³	5'-Agg ³	5'-CCT ³	5'-gTC ³	5'-CAC ³	5'-gCT ³		5'-CCT ³
							545									
							5'-AgT ³									
3'-primer(s) ³	272	605	605	605	282	277	272	605	893	287	272	610	605	270	259	292
	5'-TgT ³	5'-gCT ³	5'-gCT ³	5'-gCT ³	5'-gCC ³	5'-ggT ³	5'-TgT ³	5'-gCT ³	5'-CCT ³	5'-TCC ³	5'-TgA ³	5'-CTC ³	5'-gCT ³	5'-TAC ³	5'-CTC ³	5'-gTA ³
	272						610	754	916	605	272			610	299	
	5'-TgT ³						5'-CTC ³	5'-AgA ³	5'-gAT ³	5'-gCT ³	5'-TgC ³			5'-CTC ³	5'-TCA ³	
															302	
															5'-ggT ³	
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HLA-B allele ⁴																
*070201-070207	+	+	+	+	+											
*0703	+	+	+	+		+										
*0704	+	+	+		+		+									
*070501-070503	+	+		+	+			+	+							
*0706	+	+		+	+			+								
*0707	+		+	+	+					+						
*0708		+	+	+		+					+					
*0709	+	+	+	+	+							+				
*0710	W	+	+	+	+						+					
*0711	+	+	+	+	+							+			+	
*0712	+		+	+	+					+			+			
*0713		+	+	+	+									+	+	
*0714	+			+	+					+			+			
*0715	+	+	+	+	+										+	
*0716	+	+	+	+		+										+
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	400	285	235	105	220	215	110	160	240	285	210	230	85	110	385	230
PCR product							215	235	365	415			290	395	425	
									390							
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*0717	+	+		+	+							+				
*071801-071802	+		+	+	+					+			+			
*0719	+				+		+									
*0720	+	+	+	+	+											
*0721	+	+	+	+	+											
*0722	+	+	+	+	+											
*0723	+	+	+	+	+											
*0724	+	+	+	+	+											
*0725	+	+	+		+		+									
*0726	+	+	+		+									+		
*0727		+	+	+		+										+
*0728	+	+		+	+											
*0729	+	+	+	+			+									
*0730	+	+	+	+	+											
*0731	+	+	+	+	+								+			
*0732		+		+		+		+			+					
*0733	+				+											
*0734	+	+			+			+					+	+		
*0735	+	+	+	+	+											
*0736	+	+	+	+	+											
*0737		+	+	+												+
*0738		+	+	+		+					+					+
*0739	+	+	+	+	+											
*0740	+				+											
*0741	+	+	+	+	+											
*0742	+	+	+	+	+											
*0743	+	+	+		+								+	+		
*0744	+	+	+	+	+											
*0745	+	+	+	+	+											
*0746	+	+	+	+	+											
*0747	+	+	+	+	+					+						
*0748	+	+	+		+									+		
*0749N	+	+	+	+	+				+							
*0750, 3707, 4808 ⁶		+	+	+		+										+
*0751	+	+	+	+	+											
*0752	+	+	+	+	+		+									
*0753	+				+											
*0754	+	+	+	+	+										+	
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	400	285	235	105	220	215	110	160	240	285	210	230	85	110	385	230
PCR product							215	235	365	415			290	395	425	
									390							
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*0755	+	+	+		+											
*0756	+	+	+	+	+											
*0757	+	+	+	+	+										+	
*0758	+	+	+	+	+				+							
*0759	+	+	+	+	+			+								
*0760	+				+											
*080101-0802, 0804, 0805, 0808N-0810, 0812, 0816, 0818, 0819N, 0822-0824, 0826, 0827, 0829, 0830N, 0832-0834, 4101-410302, 4105, 4107							+									
*0803							+									
*0806															+	
*0807, 0811, 4104							+									
*0813														+		
*0814							+									
*0815							+								+	
*0817							+								+	
*0820, 1306, 1542, 1583, 1586, 3560, 3904, 3912, 4051, 4106, 5121, 5136, 5407, 5518, 5901, 5902																
*0821							+									
*0825														+		
*0828							+					+				
*1301-130204, 1307N- 1309, 1311, 1313, 1315-1321, 4053, 5110, 5116, 5131, 5134, 5208																
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	400	285	235	105	220	215	110	160	240	285	210	230	85	110	385	230
PCR product							215	235	365	415			290	395	425	
									390							
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1314, 4004, 40060101-400602, 4011, 4064, 4070, 4075						+										+
*1401, 1407N, 180102, 1803, 2712, 2716, 3915, 3925N, 3932, 3933, 3938Q, 3940N, 3943						+										
*1405																
*1507, 1545, 1555, 9526, 3505, 3522, 3551, 3558, 3572, 4612																
*1514, 1591, 9531, 3545, 3571, 4410, 4414, 4417, 4443, 4445, 4451, 5123, 5707, 5807, 8201, 8202																
*1568, 4005, 4071						+										+
*1571, 180101, 180103, 1802, 1805, 1806, 1808-1813, 1815, 1817N-1824, 1827, 2718, 2729, 370101-3706, 3708, 3710, 3711, 3713, 3808, 4020, 4026, 4028, 4044, 4802						+										+
*1576, 9501, 3576, 5403, 5406, 5409, 5508, 5514, 5523, 5527, 5601-5604, 560502, 5607, 5609, 5611, 5613, 5615, 5618-5621																
*9538			+							+		+		+		
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	400	285	235	105	220	215	110	160	240	285	210	230	85	110	385	230
PCR product							215	235	365	415			290	395	425	
									390							
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*1807, 2723, 3550						+					+					+
*1814, 3709, 4003, 4009, 4018, 4024						+										+
*1826, 3712, 380201-380202, 3804, 3815, 3905, 3908, 3911, 391301-391302						+										+
*2701					+						+					+
*2702-270402, 270502-270508, 270510, 2706, 2708-2710, 2713-2715, 2717, 2719, 2721, 2725, 2726, 2728, 2730, 2731, 2735, 2737, 2738					+						+					
*270509					+											
*2707, 2711, 2724, 2733					+						+					
*2720, 2727					+						+					
*2732					+						+					
*2734					+						+					
*2736					+						+			+		
*3531, 4058																
*3566		+	+	+								+				
*380101, 3809-3812, 3816						+										+
*380102						+										+
*3803, 39010101-39010102L, 390103-390202, 390601-390602, 3909, 3918, 3919, 3922, 3923, 3926, 3928, 3930, 3931, 3934-3936, 3939, 3941, 3942						+										
*3805																
*3806, 3807						+					+					+
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	400	285	235	105	220	215	110	160	240	285	210	230	85	110	385	230
PCR product							215	235	365	415			290	395	425	
									390							
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*3813, 3814						+										
*3817						+										+
*3903, 3914, 3924						+										
*3907						?										?
*3910, 3916	+					+										
*3917	+					+										
*3920	+					+									+	+
*3927						+									+	
*3929						+										
*3937, 4039						+										+
*400101-400105, 4007, 4010, 4012, 401401-401403, 4021, 4022N, 4025, 4036, 4043, 4046- 4049, 4054, 4055, 4061, 4062, 4065, 4066, 4069, 4072, 4076, 4077								+		+				+		
*400201-400203, 4019, 4027, 4029, 4035, 4037, 4040, 4056, 4057, 4078, 4804, 4813						+										+
*4008, 4013						+					+					+
*4015, 4016		+		+				+								
*4023				+				+		+						
*4030, 4034								+					+	+		
*4031		+	+											+		
*4032		+	+	+												
*4033			+							+				+		
*4038								+		+		+		+		
*4042										+				+		
*4045		+						+						+		
*4050						+										
*4052, 4606			+							+		+		+		
*4059			+							+		+	+	+		
*4060										+		+		+		
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	400	285	235	105	220	215	110	160	240	285	210	230	85	110	385	230
PCR product							215	235	365	415			290	395	425	
									390							
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*4063								+		+				+		
*4067								+		+				+		
*4068						+					+					+
*4073								+		+				+	+	
*4108							+	+		+			+			
*4201, 4202, 4204, 4206	+				+		+									
*420501-420502	+	+			+		+	+					+			
*4207	+					+	+									
*4208	+				+											
*4209	+				+		+					+				
*4418, 4901, 4903- 4905																
*4431								+		+				+		
*4454																
*4506	+														+	
*480101-480102, 4807, 4809-4812, 4816		+				+		+						+		+
*480301-480302, 4074						+		+		+				+		+
*4805		+		+		+		+								+
*4806		+				+		+			+			+		+
*4814		+				+		+				+		+		+
*4815		+				+		+						+		+
*4817						+				+			+	+		+
*4818		+				+		+						+		+
*4819		+				+		+								+
*5401, 5404, 5405N, 5408N, 5410-5413, 550101-5503, 5505, 5507, 5511-5513, 5515-5517, 5519, 5521, 5525, 5526, 5528, 5610, 5612																
*5402					+											
*5504																
*5509, 5522, 5524																
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	400	285	235	105	220	215	110	160	240	285	210	230	85	110	385	230
PCR product							215	235	365	415			290	395	425	
									390							
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*5510					+											
*5520							+									
*5710																+
*670101-670102	+				+											
*6702					+										+	
*7301					+						+				+	
*8101, 8103		+			+			+						+		
*8102	+	+			+			+						+		
HLA-B allele ⁴																
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Cw*0305, 0325, 0327																
Cw*0738										+		+	+	+		
Cw*0808																
Tube No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

INTERPRETATION TABLE

HLA-B*07 SSP subtyping

Amplification patterns of the B*0702 to B*0760 alleles

Tube ⁵																
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
345	265	205	160	100	380	85	125	220	95	165	100	95	190	215	190	Length of spec.
410	385	250	205	165				425	220	215	170	305		280		PCR product
	435	295	275						290							
1070	1070	800	1070	1070	1070	1070	1070	800	800	800	800	800	800	800	1070	Length of int.
																pos. control ¹
44	44	363	25	481	322	560	103	44	363	97	142	560	412	363	412	5'-primer(s) ²
5'-ggC ³	5'-ggC ³	5'-AgC ³	5'-CCg ³	5'-CgA ³	5'-gCC ³	5'-CCT ³	5'-CCT ³	5'-ggC ³	5'-AgC ³	5'-TCg ³	5'-TCg ³	5'-CAC ³	5'-ATA ³	5'-AgC ³	5'-ATA ³	
	379	409	363	545			527	363		142	215	650				
	5'-ACC ³	5'-ggC ³	5'-AgC ³	5'-AgT ³			5'-TgT ³	5'-AgC ³		5'-TCg ³	5'-gCC ³	5'-CCT ³				
			636							148		852				
			5'-CAC ³							5'-TgC ³		5'-CAg ³				
218	259	572	131	605	419	605	191	301	418	272	272	605	559	538	559	3'-primer(s) ³
5'-gCA ³	5'-CTC ³	5'-gCg ³	5'-ggA ³	5'-gCT ³	5'-CgT ³	5'-gCT ³	5'-CgA ³	5'-gTC ³	5'-gTC ³	5'-TgT ³	5'-TgT ³	5'-gCT ³	5'-CTC ³	5'-CCA ³	5'-CgT ³	
272	309	616	527				605	544	527			916		603		
5'-TgC ³	5'-ATC ³	5'-AgA ³	5'-CCg ³				5'-gCT ³	5'-ggT ³	5'-CCg ³			5'-gAC ³		5'-gTC ³		
301	605		754					559	559							
5'-gTC ³	5'-gCT ³		5'-AgA ³					5'-CAg ³	5'-CAg ³							
302									613							
5'-ggT ³									5'-gCT ³							
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.
																HLA-B allele ⁴
																*070201-070207
																*0703
																*0704
													+			*070501-070503
													+			*0706
																*0707
																*0708
																*0709
+																*0710
+																*0711
	+															*0712
																*0713
																*0714
																*0715
																*0716
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.

345	265	205	160	100	380	85	125	220	95	165	100	95	190	215	190	Length of spec.
410	385	250	205	165				425	220	215	170	305		280		PCR product
	435	295	275						290							
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.
																*0717
																*071801-071802
														+		*0719
		+				+		+	+							*0720
			+													*0721
				+												*0722
					+											*0723
						+		+	+							*0724
							+									*0725
																*0726
+								+								*0727
									+							*0728
										+						*0729
											+					*0730
												+				*0731
													+			*0732
														+		*0733
												+			+	*0734
		+														*0735
	+															*0736
																*0737
	+															*0738
							+									*0739
													+			*0740
										+						*0741
									+							*0742
												+				*0743
												+				*0744
								+								*0745
+																*0746
																*0747
							+									*0748
																*0749N
																*0750, 3707, 4808 ⁶
			+						+							*0751
				+												*0752
													+	+		*0753
	+															*0754
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.

345	265	205	160	100	380	85	125	220	95	165	100	95	190	215	190	Length of spec.
410	385	250	205	165				425	220	215	170	305		280		PCR product
	435	295	275						290							
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.
														+		*0755
										+	+					*0756
+																*0757
												+				*0758
			+													*0759
								+	+					+		*0760
															+	*080101-0802, 0804, 0805, 0808N-0810, 0812, 0816, 0818, 0819N, 0822-0824, 0826, 0827, 0829, 0830N, 0832-0834, 4101-410302, 4105, 4107
	+														+	*0803
+															+	*0806
																*0807, 0811, 4104
															+	*0813
									+							*0814
															+	*0815
+															+	*0817
															+	*0820, 1306, 1542, 1583, 1586, 3560, 3904, 3912, 4051, 4106, 5121, 5136, 5407, 5518, 5901, 5902
								+	+							*0821
								+	+							*0825
																*0828
													+			*1301-130204, 1307N, 1309, 1311, 1313, 1315-1321, 4053, 5110, 5116, 5131, 5134, 5208
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.

345	265	205	160	100	380	85	125	220	95	165	100	95	190	215	190	Length of spec.
410	385	250	205	165				425	220	215	170	305		280		PCR product
	435	295	275						290							
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.
													+			*1314, 4004, 40060101-400602, 4011, 4064, 4070, 4075
																*1401, 1407N, 180102, 1803, 2712, 2716, 3915, 3925N, 3932, 3933, 3938Q, 3940N, 3943
														+		*1405
								+	+					+		*1507, 1545, 1555, 9526, 3505, 3522, 3551, 3558, 3572, 4612
		+														*1514, 1591, 9531, 3545, 3571, 4410, 4414, 4417, 4443, 4445, 4451, 5123, 5707, 5807, 8201, 8202
								+	+					+		*1568, 4005, 4071
																*1571, 180101, 180103, 1802, 1805, 1806, 1808-1813, 1815, 1817N-1824, 1827, 2718, 2729, 370101-3706, 3708, 3710, 3711, 3713, 3808, 4020, 4026, 4028, 4044, 4802
										+	+					*1576, 9501, 3576, 5403, 5406, 5409, 5508, 5514, 5523, 5527, 5601-5604, 560502, 5607, 5609, 5611, 5613, 5615, 5618-5621
																*9538
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.

345	265	205	160	100	380	85	125	220	95	165	100	95	190	215	190	Length of spec.
410	385	250	205	165				425	220	215	170	305		280		PCR product
	435	295	275						290							
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.
																*1807, 2723, 3550
														+		*1814, 3709, 4003, 4009, 4018, 4024
															+	*1826, 3712, 380201- 380202, 3804, 3815, 3905, 3908, 3911, 391301-391302
																*2701
																*2702-270402, 270502-270508, 270510, 2706, 2708- 2710, 2713-2715, 2717, 2719, 2721, 2725, 2726, 2728, 2730, 2731, 2735, 2737, 2738
																*270509
													+	+		*2707, 2711, 2724, 2733
													+			*2720, 2727
									+					+		*2732
														+		*2734
							+									*2736
													+	+		*3531, 4058
	+						+									*3566
	+														+	*380101, 3809-3812, 3816
	+															*380102
															+	*3803, 39010101- 39010102L, 390103- 390202, 390601- 390602, 3909, 3918, 3919, 3922, 3923, 3926, 3928, 3930, 3931, 3934-3936, 3939, 3941, 3942
	+														+	*3805
	+														+	*3806, 3807
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.

345	265	205	160	100	380	85	125	220	95	165	100	95	190	215	190	Length of spec.
410	385	250	205	165				425	220	215	170	305		280		PCR product
	435	295	275						290							
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.
	+														+	*3813, 3814
+								+							+	*3817
														+	+	*3903, 3914, 3924
																*3907
															+	*3910, 3916
																*3917
+															+	*3920
															+	*3927
														+		*3929
														+	+	*3937, 4039
							+						+			*400101-400105, 4007, 4010, 4012, 401401-401403, 4021, 4022N, 4025, 4036, 4043, 4046- 4049, 4054, 4055, 4061, 4062, 4065, 4066, 4069, 4072, 4076, 4077
														+	+	*400201-400203, 4019, 4027, 4029, 4035, 4037, 4040, 4056, 4057, 4078, 4804, 4813
													+	+		*4008, 4013
													+			*4015, 4016
													+			*4023
							+						+			*4030, 4034
							+									*4031
																*4032
							+									*4033
							+						+			*4038
							+									*4042
							+						+			*4045
													+	+		*4050
							+									*4052, 4606
	+						+									*4059
	+						+									*4060
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.

345	265	205	160	100	380	85	125	220	95	165	100	95	190	215	190	Length of spec. PCR product
410	385	250	205	165				425	220	215	170	305		280		
	435	295	275						290							
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.
						+	+									*4063
													+			*4067
													+			*4068
							+						+			*4073
							+					+			+	*4108
															+	*4201, 4202, 4204, 4206
							+					+			+	*420501-420502
															+	*4207
														+	+	*4208
																*4209
	+															*4418, 4901, 4903- 4905
		+					+						+			*4431
		+						+	+					+		*4454
	+															*4506
							+						+			*480101-480102, 4807, 4809-4812, 4816
							+						+			*480301-480302, 4074
													+			*4805
							+						+			*4806
							+						+			*4814
													+			*4815
	+						+									*4817
	+						+						+			*4818
							+						+	+		*4819
										+	+				+	*5401, 5404, 5405N, 5408N, 5410-5413, 550101-5503, 5505, 5507, 5511-5513, 5515-5517, 5519, 5521, 5525, 5526, 5528, 5610, 5612
										+	+				+	*5402
										+	+			+	+	*5504
										+	+		+			*5509, 5522, 5524
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.

345	265	205	160	100	380	85	125	220	95	165	100	95	190	215	190	Length of spec.
410	385	250	205	165				425	220	215	170	305		280		PCR product
	435	295	275						290							
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.
															+	*5510
										+	+				+	*5520
																*5710
															+	*670101-670102
															+	*6702
+																*7301
							+						+			*8101, 8103
							+						+			*8102
																HLA-B allele ⁴
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.
								+	+					+		Cw*0305, 0325, 0327
	+											+				Cw*0738
									+					+		Cw*0808
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Tube No.