

INTERPRETATION TABLE

HLA-B*58 SSP subtyping

Amplification patterns of the B*5801 to B*5821 alleles

	Well ⁵											
	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	90	150	240	190	90	170	80	250	155	270	205	235
PCR product(s)				230								
Length of int.	800	800	800	1070	1070	1070	1070	1070	800	800	1070	1070
pos. control ¹												
5'-primer(s) ²	209	355	361	106	463	527	486	361	141	355	361	367
	5'-ggA ^{3'}	5'-TCA ^{3'}	5'-AGT ^{3'}	5'-CCA ^{3'}	5'-TgA ^{3'}	5'-TgA ^{3'}	5'-ACC ^{3'}	5'-AGT ^{3'}	5'-ATT ^{3'}	5'-TCA ^{3'}	5'-AGT ^{3'}	5'-T.T ^{3'}
3'-primer(s) ³	256	463	559	256	512	3 rd I	527	572	256	583	527	559
	5'-CCC ^{3'}	5'-gCT ^{3'}	5'-Cag ^{3'}	5'-CTC ^{3'}	5'-CCA ^{3'}	5'-TAT ^{3'}	5'-CCT ^{3'}	5'-gCg ^{3'}	5'-CCC ^{3'}	5'-gTg ^{3'}	5'-CCA ^{3'}	5'-Cag ^{3'}
				296								
				5'-CTg ^{3'}								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-B allele ⁴												
*580101, 580102	1	2										
*5802	1		3								11	
*5804		2		4								
*5805	1	2			5							
*5806	1		3			6	7					
*5807	1		3					8			11	
*5808	1					6	7		9			
*5809	1	2								10		
*5810N	1	2										12
*5811	1	2										
*5812	1	2										
*5813	1	2										
*5814	1	2										
*5815	1	2		4								
*5816	1											
*5817N	1	2										
*5818	1											
*5819	1	2				6	7					
*5820	1											
*5821	1	2										
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Length of spec.	90	150	240	190	90	170	80	250	155	270	205	235
PCR product(s)				230								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*070201-070207, 070209-0708, 0710, 0712-0716, 071801-0724, 0726-0747, 0749N, 0750, 0752-0757, 0759-0772, 0775-0777, 0806, 0820, 15010101-150104, 150106-150108, 150301, 1504, 1506, 1508-1512, 1514-1519, 1523, 1524, 1526N-1530, 1532-1535, 1537-1540, 1543, 1545-1547, 1549, 1550, 1553, 1554, 1556-1558, 1560, 1561, 1563-1567, 1569-1574, 1576, 157801, 1579N, 1581, 1582, 1587, 1590, 1592-1599, 9501, 9503, 9504, 9508-9510, 9513, 9515-9520, 9522, 9525, 9527-9529, 9531-9535, 9537, 9538, 9540-9543, 9546-9550, 9552, 9553, 9556-9561, 9563, 9564, 1819, 1821, 1830, 270401, 270402, 2706, 2710, 2715, 2718, 2720, 2721, 2724, 2725, 2740, 3543, 3579, 3707, 3918, 3936, 4005, 4015, 4016, 4023, 4026, 4032, 4051, 4098, 460101-4605, 4607N, 4608, 4610, 4614-4617, 4805, 4808, 4815, 490102, 5406, 5521, 5603, 5713						6						
*0709, 0711, 0717, 1507, 1568, 9526, 4612						6						
*0725, 0748, 0751, 080101-0805, 0807-0819N, 0821-0827, 0829-0834, 0836, 0838, 0840, 130201-1304, 1308Q-1311, 1314, 1315, 1318, 1319, 1321, 1505, 1531, 1548, 1551, 1552, 1575, 1583, 1584, 1586, 1591, 9505, 9507, 9511N, 9514, 9523, 9536, 9545, 9551, 9555, 180101-1813, 1817N, 1818, 1820, 1823N-1829, 1831-1833, 1835, 2701-2703, 270502-270510, 2707-2709, 2711-2714, 2716, 2717, 2723, 2726-2729, 2731-2739, 2741-2746, 2750-2752, 3531, 3560, 3587, 3702, 3709, 3712, 380101-3809, 3811-3819, 39010101, 39010102L, 390103-3917, 391901-3920, 3922-3934, 3937-3941, 3943-3945, 3947-3950,												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Length of spec.	90	150	240	190	90	170	80	250	155	270	205	235
PCR product(s)				230								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
400101-400205, 4004, 40060101-401403, 4018-4022N, 4024, 4025, 4027, 4029-4031, 4033-4040, 4042-4050, 4052-4076, 4078-4086, 4088-4094, 4096, 4097, 4101-4108, 4201, 4202, 4204-4208, 4210-4212, 4415, 4418, 4420, 4431, 4441, 4447, 4453, 4454, 4465, 4501-4509, 4606, 4609, 4611, 461301, 461302, 4618, 4619, 4621, 47010101-4705, 480101, 480102, 480301-4804, 4806, 4807, 4809-4813, 4816-4819, 5401-5405N, 5407-5419, 550201-550203, 5504, 5507, 5508, 5510, 5512, 5513, 5516, 5518-5520, 5522, 5523, 5526, 5527, 5530, 5532, 5534, 5535, 5601, 5602, 5604, 5607, 5608, 5610, 5613-5620, 5622-5624, 5901-5905, 670101-6702, 8101, 8102, 8104N, 8201, 8202												
*0758, 9502						6						
*0828, 0835, 0837, 1555, 1814, 4003, 4209												
*130101, 130102, 1306, 1307N, 1312, 1313, 1317, 132201-1323, 1325, 1326, 1588, 2719, 2730, 3557, 370101-370105, 3703N, 3705, 3706, 3708, 3710, 3711, 3714, 3942, 44020101-440205, 440208-4414, 4416, 4417, 4419N, 4421-4430, 4432-4440, 4442-4446, 4448-4452N, 4455-446402, 4467, 4469, 5142, 5609, 5611, 5612, 570101-5708, 5710, 5712, 5715-5719		2										
*1316, 1401-140202, 1404-1409, 1542, 1815, 3810, 3935, 4095, 490101, 4902-4905, 5001, 5002, 5004, 5207, 550101-550104, 5503, 5505, 5511, 5515, 5517, 5524, 5525, 5528, 5529, 5531, 5533, 5606						6	7					
*1320, 5514		2				6	7					
*1403, 5509						6	w					
*1410, 4028		2				6	7			10		
*1502, 1513, 1521, 152501, 1536, 1544, 1562, 1577, 1580, 1585, 1589, 9506, 9512, 9521, 9539, 9544, 9554, 3713, 5709		2				6						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Length of spec.	90	150	240	190	90	170	80	250	155	270	205	235
PCR product(s)				230								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*1520, 350101-350403, 3506-350803, 3510, 3512, 3513, 3515-3517, 3519-352002, 3523, 3525-3530, 3533, 3534, 3536, 3538-3542, 3545, 3547-3550, 3552, 3554-3556, 3559, 3561-3563, 3565Q, 3569-3571, 3574, 3576-3578, 3580, 3582-3585, 3590-3595, 4802, 530101-530104, 5303-5305, 5309-5313, 5315-5317		2										
*1822, 3704, 5714		2								10		
*3505, 3551, 3566, 3572, 3589, 3597, 5314												
*350901, 350902, 3518, 3522, 3532, 3537, 3553N, 3564, 356801, 356802, 3575, 3588, 5105, 5108-5110, 5115, 5119, 5120, 5131, 5140, 5144N, 5154, 5203, 5210, 5307, 7804, 8103												
*3511, 5308		2				6	7					
*351401, 351402		2				6						
*3521, 5104, 5146, 5156, 5306		2				6	7			10		
*3524, 3581, 5302		2								10		
*3535, 3546		2										
*3544, 3567, 3586, 3599, 512402, 5136, 5161						6						
*3558						6	7					
* 9524, 4077, 4087					5							
*4466, 5318		2										
*4814					5							
*510101-5103, 5106, 5107, 5111N-5114, 5116-5118, 5121-512401, 5126-5128, 5130, 5132-5135, 5137-5139, 5141N, 5143, 5145, 5148-5152, 5157-5160, 5162-5165, 520101-5202, 5204-520602, 5208, 5209, 5211-5214, 560501, 560502, 5621, 7801-7803, 7805, 7806							6	7				
*5129, 5155						6	w					
*5153							7					
*5711			3								11	
*8301		2										
A*2464, Cw*0106											w	
Cw*0317			3									
HLA-B allele ⁴												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

INTERPRETATION TABLE									
HLA-B*58 SSP subtyping									
Amplification patterns of the B*5801 to B*5821 alleles									
Well⁵									
13	14	15	16	17	18	19	20	21	
165	165	155	145	375	140	95	170	440	Length of spec. PCR product(s)
1070	1070	1070	1070	1070	1070	800	1070	1070	Length of int. pos. control ¹
652	652	142	454	281	209	363	209	206	5'-primer(s) ²
5'-CCg ^{3'}	5'-CCA ^{3'}	5'-TCT ^{3'}	5'-ACA ^{3'}	5'-CTC ^{3'}	5'-ggA ^{3'}	5'-AgC ^{3'}	5'-ggA ^{3'}	5'-gAC ^{3'}	
774	774	256	559	369	309	419	340	362	3'-primer(s) ³
5'-ggT ^{3'}	5'-ggT ^{3'}	5'-CCC ^{3'}	5'-Cag ^{3'}	5'-CCg ^{3'}	5'-AC ^{3'}	5'-Cgg ^{3'}	5'-ggT ^{3'}	5'-TCA ^{3'}	
13	14	15	16	17	18	19	20	21	Well No.
									HLA-B allele ⁴
13									*580101, 580102
13									*5802
13									*5804
13									*5805
13									*5806
13									*5807
13									*5808
13									*5809
13									*5810N
	14								*5811
13		15							*5812
13			16						*5813
13								21	*5814
13									*5815
13				17					*5816
13					18				*5817N
13				17		19			*5818
13									*5819
	14								*5820
13							20		*5821
13	14	15	16	17	18	19	20	21	Well No.

165	165	155	145	375	140	95	170	440	Length of spec. PCR product(s)	
13	14	15	16	17	18	19	20	21	Well No.	
	14								*070201-070207, 070209-0708, 0710, 0712-0716, 071801-0724, 0726-0747, 0749N, 0750, 0752-0757, 0759-0772, 0775-0777, 0806, 0820, 15010101-150104, 150106-150108, 150301, 1504, 1506, 1508-1512, 1514-1519, 1523, 1524, 1526N-1530, 1532-1535, 1537-1540, 1543, 1545-1547, 1549, 1550, 1553, 1554, 1556-1558, 1560, 1561, 1563-1567, 1569-1574, 1576, 157801, 1579N, 1581, 1582, 1587, 1590, 1592-1599, 9501, 9503, 9504, 9508-9510, 9513, 9515-9520, 9522, 9525, 9527-9529, 9531-9535, 9537, 9538, 9540-9543, 9546-9550, 9552, 9553, 9556-9561, 9563, 9564, 1819, 1821, 1830, 270401, 270402, 2706, 2710, 2715, 2718, 2720, 2721, 2724, 2725, 2740, 3543, 3579, 3707, 3918, 3936, 4005, 4015, 4016, 4023, 4026, 4032, 4051, 4098, 460101-4605, 4607N, 4608, 4610, 4614-4617, 4805, 4808, 4815, 490102, 5406, 5521, 5603, 5713	
	14					19			*0709, 0711, 0717, 1507, 1568, 9526, 4612	
	14								*0725, 0748, 0751, 080101-0805, 0807-0819N, 0821-0827, 0829-0834, 0836, 0838, 0840, 130201-1304, 1308Q-1311, 1314, 1315, 1318, 1319, 1321, 1505, 1531, 1548, 1551, 1552, 1575, 1583, 1584, 1586, 1591, 9505, 9507, 9511N, 9514, 9523, 9536, 9545, 9551, 9555, 180101-1813, 1817N, 1818, 1820, 1823N-1829, 1831-1833, 1835, 2701-2703, 270502-270510, 2707-2709, 2711-2714, 2716, 2717, 2723, 2726-2729, 2731-2739, 2741-2746, 2750-2752, 3531, 3560, 3587, 3702, 3709, 3712, 380101-3809, 3811-3819, 39010101, 39010102L, 390103-3917, 391901-3920, 3922-3934, 3937-3941, 3943-3945, 3947-3950,	
13	14	15	16	17	18	19	20	21	Well No.	

165	165	155	145	375	140	95	170	440	Length of spec. PCR product(s)	
13	14	15	16	17	18	19	20	21	Well No.	
	14								400101-400205, 4004, 40060101-401403, 4018-4022N, 4024, 4025, 4027, 4029-4031, 4033-4040, 4042-4050, 4052-4076, 4078-4086, 4088-4094, 4096, 4097, 4101-4108, 4201, 4202, 4204-4208, 4210-4212, 4415, 4418, 4420, 4431, 4441, 4447, 4453, 4454, 4465, 4501-4509, 4606, 4609, 4611, 461301, 461302, 4618, 4619, 4621, 47010101-4705, 480101, 480102, 480301-4804, 4806, 4807, 4809-4813, 4816-4819, 5401-5405N, 5407-5419, 550201-550203, 5504, 5507, 5508, 5510, 5512, 5513, 5516, 5518-5520, 5522, 5523, 5526, 5527, 5530, 5532, 5534, 5535, 5601, 5602, 5604, 5607, 5608, 5610, 5613-5620, 5622-5624, 5901-5905, 670101-6702, 8101, 8102, 8104N, 8201, 8202	
									*0758, 9502	
	14					19			*0828, 0835, 0837, 1555, 1814, 4003, 4209	
	14								*130101, 130102, 1306, 1307N, 1312, 1313, 1317, 132201-1323, 1325, 1326, 1588, 2719, 2730, 3557, 370101-370105, 3703N, 3705, 3706, 3708, 3710, 3711, 3714, 3942, 44020101-440205, 440208-4414, 4416, 4417, 4419N, 4421-4430, 4432-4440, 4442-4446, 4448-4452N, 4455-446402, 4467, 4469, 5142, 5609, 5611, 5612, 570101-5708, 5710, 5712, 5715-5719	
	14								*1316, 1401-140202, 1404-1409, 1542, 1815, 3810, 3935, 4095, 490101, 4902-4905, 5001, 5002, 5004, 5207, 550101-550104, 5503, 5505, 5511, 5515, 5517, 5524, 5525, 5528, 5529, 5531, 5533, 5606	
	14								*1320, 5514	
	14								*1403, 5509	
	14								*1410, 4028	
	14								*1502, 1513, 1521, 152501, 1536, 1544, 1562, 1577, 1580, 1585, 1589, 9506, 9512, 9521, 9539, 9544, 9554, 3713, 5709	
13	14	15	16	17	18	19	20	21	Well No.	

165	165	155	145	375	140	95	170	440	Length of spec. PCR product(s)	
13	14	15	16	17	18	19	20	21	Well No.	
13									*1520, 350101-350403, 3506-350803, 3510, 3512, 3513, 3515-3517, 3519-352002, 3523, 3525-3530, 3533, 3534, 3536, 3538-3542, 3545, 3547-3550, 3552, 3554-3556, 3559, 3561-3563, 3565Q, 3569-3571, 3574, 3576-3578, 3580, 3582-3585, 3590-3595, 4802, 530101-530104, 5303-5305, 5309-5313, 5315-5317	
	14								*1822, 3704, 5714	
13						19			*3505, 3551, 3566, 3572, 3589, 3597, 5314	
13									*350901, 350902, 3518, 3522, 3532, 3537, 3553N, 3564, 356801, 356802, 3575, 3588, 5105, 5108-5110, 5115, 5119, 5120, 5131, 5140, 5144N, 5154, 5203, 5210, 5307, 7804, 8103	
13									*3511, 5308	
13									*351401, 351402	
13									*3521, 5104, 5146, 5156, 5306	
13									*3524, 3581, 5302	
13	14								*3535, 3546	
13									*3544, 3567, 3586, 3599, 512402, 5136, 5161	
13						19			*3558	
	14								* 9524, 4077, 4087	
									*4466, 5318	
	14					19			*4814	
13									*510101-5103, 5106, 5107, 5111N-5114, 5116-5118, 5121-512401, 5126-5128, 5130, 5132-5135, 5137-5139, 5141N, 5143, 5145, 5148-5152, 5157-5160, 5162-5165, 520101-5202, 5204-520602, 5208, 5209, 5211-5214, 560501, 560502, 5621, 7801-7803, 7805, 7806	
13									*5129, 5155	
13									*5153	
	14								*5711	
?	?								*8301	
									A*2464, Cw*0106	
									Cw*0317	
									HLA-B allele ⁴	
13	14	15	16	17	18	19	20	21	Well No.	