

[illegible]

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*4702							7								15									
*4703							7								15									
*4704															15									
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*4812					5	6			9						15					20				
*4814				4	5				9						15					20				
*4817																							23	
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*4903												12	13					18		20				
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*4907													13		15									
*500101-5002, 5004-5008													13											
*5009													13											
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*510109	1				5	6							13											24
*510111					5	6							13						20					24
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*5104, 5146	1	2			5	6							13	14					20		22			24
*5105, 510902	1				5	6																		24
*5106, 5159	1				5	6							13						20					24
*5107	1				5	6							13					18	20					24
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*511301, 511302	1				5			8					13						20					24
*5114, 512401	1				5								13						20					24
*5115	1				5			8														23		24
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*5117	1												13						20					24
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*5122	1				5	6							13						20					24
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*5137	1		3	4									13						20					24
*5145	1		3	4									13						20					24
*5150	1				5	6							13						20					
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*5157	1				5	6							13						20					24
*5161	1				5	6							13						20					24
*5162	1				5			8					13						20					24
*5163	1			4	5								13						20					24
*5164	1				5	6			9				13						20					24
*5178	1				5	6							13											
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*5202, 5808					5	6							13						20					24
*5203					5	6						12						18	20					24
*520601, 520602					5	6						12	13						20					24
*5207					5	6						12	13					18						24
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
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*5210					5	6						12						18						24
*5212			3			6						12	13					18						24
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*5216					5	6							13								21			24
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*530103	1	2		4																			23	24
*5302	1	2	3	4																		22	23	24
*5304	1	2	3					8															23	24
*5306	1	2	3	4									13							20		22		24
*5307	1																							24
*5308	1	2	3	4									13											24
*5309	1	2	3	4														18					23	
*5311	1	2	3	4							11												23	
*5312, 5313	1	2	3	4																			23	
*5314	1		3	4					9														23	24
*5316	1	2	3	4							11												23	24
*5317		2	3	4								12		14				18					23	24
*5318	1	2	3	4																			23	24
*5319	1	2				6																	23	24
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*5409, 5618			3	4														18	19					
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*5412, 5607					5			8											w				23	
*5414, 5523			3	4														18	19				23	
*5415																			19				23	
*5416			3					8											19				23	
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*550103					5			8					13						19					
*5504					5														19					
*5508					5														19					
*5509, 5524					5			8					13		15				19	20				
*5513, 5622					5			8											19				23	
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*5521					5			8					13						19					
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*5527			3			6													19				23	
*5532				4	5														19				23	
*5535					5			8											19		w		23	
*5602					5			8											19				23	
*5604					5			8											19					
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*5606					5	6							13						19					
*5609		2	3	4															19				23	
*5611		2	3					8											19				23	
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*5620					5			8											19				23	
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*570101-570104, 5706, 5708, 5710, 5715, 5716, 5718, 5720, 5723, 5724		2		4										14										24
*570105				4										14										24
*5702		2			5	6					11			14									24	
*570301, 570302, 5717		2			5	6								14									24	
*5704		2									11			14										24
*5705		2				6					11											23	24	
*5707		2			5	6								14										24
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
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*5712		2			5	6					11			14										
*5713				4							11		13	14										24
*5714		2	3	4										14							22			24
*5719		2		4							11			14										24
*5722		2		4									13	14										24
*5725		2		4										14	15									24
*5726		2		4										14				18						24
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*580103			3	4																			23	24
*5802			3	4																			23	24
*5805		2	3	4														18						24
*5806			3	4									13											24
*5807			3	4																			23	24
*5809		2	3	4																	22	23	24	24
*5810N		2	3	4																				24
*5811		2	3	4																			23	24
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*780201, 780202	1				5	6							13											
*7803	1				5	6							13					19						
*7804	1				5	6																		
*7805					5	6						12	13					18						
*7806					5	6						12	13					18						
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*8103					5															20	?			
*8104N					5															20	?			
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A*0141											w													
Cw*0110, Cw*0715																								
Cw*0203, Cw*0434, Cw*0512																							23	
Cw*0305, 0325, 0327																								
Cw*0328, 0349, Cw*0510, Cw*1508											11													
Cw*0620																								
Cw*070401-070403, 0711, 0712, 0745																								
Cw*0763									10															
Cw*1509, 1519, 1520																		18						
HLA-B allele ⁴																								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

INTERPRETATION TABLE																											
HLA-B*35 SSP subtyping																											
Amplification patterns of the B*3501 to B*3599 alleles																											
Well ⁵																											
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48				
135	210	110	230	105	115	170	170	70	230	240	110	85	220	115	185	105	115	205	110	165	165	160	390	Length of spec. PCR product			
220	370	160			325	210		205		365	180		300			130	155	255	145	385							
								310			230						190		300								
																	250										
800	800	1070	800	1070	800	1070	1070	1070	800	1070	800	1070	1070	1070	1070	1070	800	1070	1070	800	1070	800	1070		Length of int. pos. control ¹		
206	72	142	369	357	49	103	165	165	368	272	355	420	397	463	167	206	106	106	206	652	272	419	49		5'-primer(s) ²		
5'-gAC ³	5'-gCT ³	5'-TCA ³	5'-TAC ³	5'-Tgg ³	5'-CAG ³	5'-CCT ³	5'-ACC ³	5'-ACC ³	5'-gTC ³	5'-CTT ³	5'-TCA ³	5'-TTA ³	5'-gCT ³	5'-TgA ³	5'-gCT ³	5'-gAC ³	5'-CCA ³	5'-CCg ³	5'-gAC ³	5'-CCg ³	5'-CTT ³	5'-gTT ³	5'-CAG ³				
477	103	355			486	142		409		808	635		477				355	363	355		652						
5'-gCC ³	5'-CCT ³	5'-TCA ³			5'-ACC ³	5'-TCT ³		5'-ggc ³		5'-CgC ³	5'-ACg ³		5'-gCC ³				5'-TCA ³	5'-AgC ³	5'-TCA ³		5'-CCA ³						
	103							742			704							363									
	5'-CCT ³							5'-ACA ³			5'-TgA ³							5'-AgC ³									
302	272	259	559	419	204	272	292	193	559	353	544	463	3 rd	538	311	272	181	272	277	774	369	538	272		3'-primer(s) ³		
5'-ggT ³	5'-TgA ³	5'-gTT ³	5'-Cag ³	5'-Cgg ³	5'-TCT ³	5'-TgA ³	5'-gTC ³	5'-CgT ³	5'-Cag ³	5'-ggg ³	5'-ggT ³	5'-gCT ³	5'-TAT ³	5'-CCA ³	5'-ggT ³	5'-TgC ³	5'-gTg ³	5'-TgA ³	5'-ggC ³	5'-ggT ³	5'-CCg ³	5'-gTC ³	5'-TgA ³				
3 rd		425		419	559			572		916	774					289	471	577	309		774						
5'-TAT ³		5'-CgC ³		5'-CgA ³	5'-CTC ³			5'-gCg ³		5'-gAT ³	5'-ggT ³					5'-AgC ³	5'-TC ³	5'-gCA ³	5'-gTg ³		5'-ggT ³						
								916								301	505		614								
								5'-gAT ³								5'-gCA ³	5'-gCT ³		5'-CgT ³								
																	564										
																	5'-ACC ³										
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.			
																								HLA-B allele ⁴			
																				45			48	*350101-350103, 350105-350113			
																				45	46		48	*350104			
													38							45			48	*350201-350203			
																				45			48	*350301			
																				45			48	*350302			
																				45			48	*350401, 350402			
																				45			48	*350403			
			28																	45	46		48	*3505			
																				45			48	*3506			
																				45			48	*3507			
																				45			48	*350801, 350802, 350804			
																				45	46		48	*350803			
																				45			48	*350901			
25													38							45			48	*350902			
																				45			48	*3510			
																				45			48	*3511			
																				45			48	*351201, 351202			
																				45			48	*3513			
														39						45			48	*351401			
														39						45			48	*351402			
					30															45			48	*3515			
																				45			48	*3516			
																				45			48	*3517			
25													38							45			48	*3518			
																				45			48	*3519			
																				45			48	*352001, 352002			
																				45			48	*3521			
			28																	45			48	*3522			
																				45			48	*3523			
																				45			48	*3524			

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----------

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
					30	31														45			48	*3525
					30															45				*3526
25																				45			48	*3527
																				45				*3528
							32													45			48	*3529
																				45	46		48	*3530
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			28																	45			48	*3532
					30															45			48	*3533
																				45			48	*3534
											36									45	46		48	*3535
																				45			48	*3536
				29																45			48	*3537
																				45		47	48	*3538
																				45			48	*3539
											35									45			48	*3540N
		27																		45			48	*3541
26																				45			48	*3542
			28											39							46		48	*3543
			28											39						45			48	*3544
								33												45			48	*3545
																				45	46		48	*3546
								33												45			48	*3547
									34											45			48	*3548
					30															45			48	*3549
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																				45			48	*3552
																41				45			48	*3553N
																	42			45			48	*3554
																		43		45			48	*3555
																			44	45			48	*3556
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																					46		48	*3557
			28																	45	46		48	*3558
																				45			48	*3559
																					46		48	*3560
												37								45			48	*3561
														39						45			48	*3562
															40					45			48	*3563
25														38						45			48	*3564
																		42		45			48	*3565Q
					30															45	46		48	*3566
			28											39						45			48	*3567
											35									45			48	*356801
			28																	45	46		48	*356802
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											36									45			48	*3570
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																				45			48	*3580
													38							45			48	*3581
																41				45			48	*3582
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																41				45			48	*3585
														39						45			48	*3586
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			28																43	45	46		48	*3589
		27																		45			48	*3590
																		42		45			48	*3591
																41				45			48	*3592
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
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													38							45			48	*3594
																				45				*3595
																				45	46		48	*3596
			28														42			45	46		48	*3597
																				45	46		48	*3598
			28																	45			48	*3599
25							32						38								46			*070201, 070202, 070204-070212, 070215-0704, 0707, 0710, 0713, 0715, 0719, 0721, 072201, 0723, 0726, 0728, 0730, 0731, 0733, 0735, 0736, 0739, 0741-0747, 0749N, 0752, 0754, 0755, 0757, 0759, 0761-0764, 0766, 0767N, 0770, 0771, 0774, 0776, 0777, 0779, 0781-0785, 0787-0789, 0792-0796, 0798, 0799
25													38								46			*070203, 0716, 0727, 0737, 0750, 0756, 0775, 0791, 4808
25					30		32						38								46			*070213
							32														46			*070214
25							32						38								46			*070501-0706, 0740, 0753, 0769, 0780, 0790, 0797
25	26					31	32						38								46			*0708
25							32						38								46			*0709, 0711, 0717
25							32						38								46			*0712
25							32						38								46			*0714, 071801, 071802
25			28				32	33					38								46			*0720
25							32						38								46			*072202
25			28				32						38								46			*0724, 0760
25							32						38								46			*0725, 0748, 0751
25							32						38								46			*0729, 0765, 0772, 0786
25	26					31	32						38								46			*0732
25							32						38								46			*0734
25	26					31							38								46			*0738
25							32						38											*0758
							32														46			*0768
25													38		40						46			*0773, 4032, 4098
25							32						38								46			*0778
						31															46			*080101, 080103-080109, 0805, 0808N-081202, 0813, 0815, 0816, 0818, 0819N, 0822, 0824, 0827, 0829-0831, 0833, 0834, 0836, 0838, 0839, 0841-0847
25						31							38								46			*080102
						31															46			*0802
						31															46			*0803, 0823
																					46			*0804, 0817, 0826, 5520
25						31							38								46			*0806, 0820
						31															46			*0807
						31				35											46			*081203
						31															46			*0814
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						31															46			*0828
						31															46			*0832
						31															46			*0835
						31															46			*0837
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					30							37									46			*130101, 130102, 1307N, 1317, 132202, 1323, 1325, 1328, 1329
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												37									46			*1303, 1586, 5402, 5510, 5518, 5623, 5901, 5904, 5905
				29																	46			*1304
												37									46			*1306, 1312
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																				46				*5902
				29																46				*5903
		w		29			32																	*7301
							32													45		48		*7801
																				45		48		*780201, 780202
							32									41				45				*7803
																				45		48		*7804
25																				45				*7805
																				45				*7806
25					30		32						38							46				*8101
25							32						38							46				*8102
25					?		32						38							45				*8103
25					?		32						38							46				*8104N
								33				37								46	47			*8201, 8202
					30		32													?	?			*8301
																								A*0141
					w																			Cw*0110, Cw*0715
																								Cw*0203, Cw*0434, Cw*0512
																								Cw*0305, 0325, 0327
			28																					Cw*0328, 0349, Cw*0510, Cw*1508
													39											Cw*0620
																					w			Cw*070401-070403, 0711, 0712, 0745
																					w			Cw*0763
																								Cw*1509, 1519, 1520
																								HLA-B allele ⁴
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.