

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
HLA-B allele ⁴	ser. ⁵																								
*070201-070219, 070501-0706, 0710, 0712, 0714, 071801, 071802, 0721-0723, 0726, 0728-0731, 0734, 0735, 0739, 0741-0746, 0749N, 0752, 0755-0759, 0761- 0764, 0766-0768, 0770- 0772, 0774-0776, 0779, 0780, 0782, 0783, 0786-0799	B7, null	25																							48
*0703, 0708, 0716, 0732, 0737	B7, B703	25																							48
*0704, 0725	B7	25													38										48
*0707, 0777	B7	25																							48
*0709, 0711, 0717	B7	25										36													48
*0713, 0715, 0747	B7	25																							48
*0719, 0733, 0740, 0753	B7, B42																								48
*0720, 0724	B7	25	27																						48
*0727	-	25									35								44						
*0736, 0781	B7	25																							
*0738	-	25																							
*0748, 0751	B7																								48
*0750	-	25									35														48
*0754	B7	25																							48
*0760	-		27																						48
*0765	-	25																	42						
*0769, 0785	-	25																						47	48
*0773	-	25															40								48
*0778	-	25									34														48
*0784	-	25																							48
*080101-080110, 0805, 0808N, 0810, 0811, 0815, 0818, 0819N, 0822-0824, 0827, 0829- 0831, 0833, 0834, 0839, 0841-0848, 0851, 0853	B8, Null		26						32																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.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
*0802, 0803, 0852	B8		26						32																	
*0804	B8		26						32			35														48
*0806, 0813, 0820, 0840	B8		26																							48
*0807, 0814	B8		26																							48
*0809	B8		26						32																	48
*081201-081203, 0816	B8		26						32																	48
*0817, 0854	-		26						32			35														48
*0821	B8		26	27					32																	48
*0825	B8		26	27																						48
*0826, 0850, 4207	B8, -								32																	48
*0828, 0837	B8		26										36													48
*0832	B8		26						32										42							48
*0835	-		26						32				36													48
*0836	-		26						32																	
*0838	-		26						32																	48
*0849	-		26															41			44					48
*130101-130103, 1317, 1320, 132201-1323, 1325, 1328, 1329	B13			27	28							34						41								
*130201-130206, 1308Q, 1315, 1318, 1319, 1327, 1330, 1332-1334	B13			27	28							34														
*1303	B49/ B15			27	28																					
*1304, 1310	B13, B49/ B15			27	28								36													
*1306	B13			27	28													41								
*1307N	Null			27	28							34						41								
*1309	-				28							34														
*1311	B13			27	28							34														
*1312, 1313	B13			27	28													41								
*1314	B13			27								34														
*1316	B13			27	28							34														
*1321, 1335	-			27	28																					
*1326	-			27	28								36					41								
*1331	-			27	28							34														
*1336	-			27	28							34						41								
*1401, 1407N, 1412, 1414	B64, null				28	29																			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.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48		
*140201, 140202, 140204, 1403, 1404, 1409, 1411, 1415-1418	B65, B14				28		30																		47	48	
*140203	B65				28																					47	48
*140205	B65				28		30																			47	
*1405-140602, 1413	B14						30																			47	48
*1408, 3925N, 3930, 3932-3934, 3947, 3950	-, B39, null					29																				47	48
*1410	-					29												41								47	48
*15010101, 15010102N, 150103, 150106-150116, 1526N- 152703, 1532, 1534, 1535, 153801, 153802, 1550, 1556, 1560, 1570, 1571, 1575, 1579N, 1581, 1582, 1592, 1594N, 1596, 1597, 9502, 9504, 9505, 9509-9511N, 9513, 9517, 9518, 9522, 9525, 9528, 9529, 9535, 9540, 9545-9547, 9552, 9559, 9560, 9563, 9564, 9566, 9567, 9569, 9571, 9572, 9574, 9575, 9578, 9581N-9584	B15, B62, null							31				36								43							
*150102	B62							31		33		36								43							
*150104	B62											36								43							
*150201-150204, 1588, 9512, 9521, 9539, 9570	B75							31				36						41		43							
*150301, 150302, 1547, 1549, 1561, 1598, 9503, 9523, 9527, 9532, 9551, 9556, 9558, 9573	B70, B72								32			35	36							43							
*150303	B72							31	32			35	36							43							
*1504	B62							31				36								43							
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.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
*150501-1506, 1533, 1539, 1540, 1565, 157801, 157802, 1584, 9507, 9536, 9541, 9555, 9585	B62							31					36							43					
*1507, 9526	B62			27				31					36							43					
*1508, 151101-151103, 1515, 9548	B62, B75							31					36							43					
*1509	B70								32	33					38					43					
*151001, 1537, 1590, 1599, 9533	B70, B71								32						38					43					
*151002	B71							31	32						38					43					
*151104	B75												36							43					
*1512, 1514, 1519	B76							31					36	37						43					
*1513	B77							31					36		38			41		43					
*1516, 1567, 1595	B63									33			36		38					43					
*15170101-151702, 9562, 9568, 9577	B63							31		33					38					43					
*151801, 151802, 151804, 1551, 1552, 1572, 1593, 9508, 9514, 9519, 9534, 9553, 9576	B70, B71								32				36		38					43					
*151803	B71								32				36		38					43					
*1520, 152501, 152502	B62							31					36					41		43					
*1521, 1544	B75							31					36		38			41		43					
*1523, 9515	B5, B70								32				36		38					43					
*1524, 1587, 9557	B15, B62							31					36		38					43					
*1528, 9520, 9549N	B62, null							31					36							43					
*1529	B70								32				36							43					
*1530, 1558, 1563	B62							31												43					
*1531	B75							31					36							43					
*1536	-			w				31					36					41		43					
*1542	B15							31												43					
*1543	B15							31					36							43					
*1545	B62			27				31												43					
*1546	-				28			31	32				36							43					
*1548, 9550	B62							31												43					
*1553	-				28				32				36							43					
*1554	B72								32			35	36							43					
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.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
*1555	B15			27				31					36							43					
*1557	B62							31					36							43					
*1562	-								32			35	36					41		43					
*1564	B71								32			35	36							43					
*1566	B62							31					36		38					43					
*1568	-			27								35	36												
*1569	B72								32			35	36							43		45			
*1573	B62							31												43					
*1574	B72								32				36							43					
*1576	-							31					36							w					
*1577	B62							31										41		43					
*1580	B70								32				36		38			41		43					
*1583	B62							31	32											43					
*1585, 9554, 9565	B62							31					36					41		43					
*1586	-							31												43					
*1589	B77			w				31					36					41		43					
*1591, 9531	-								32			35	36	37						43					
*9501	-							31					36							43					
*9506	-				28			31	32				36					41		43					
*9516	B62							31					36							43					
*9524	B71								32				36		38					43					
*9537	-							31												43					
*9538	-	25						31					36							43					
*9542	-		26					31					36							43					
*9543	-							31	32				36							43					
*9544	-							31					36					41		43					
*9561	-								32				36	37	38					43					
*9586	-								32				36		38					43		45			
*180101-1803, 1805-180701, 1808, 1810, 1811, 1813-1815, 1817N, 1818, 1820, 1821, 1823N-1825, 1827, 1828, 1830-1836, 1838-1840, 1842, 1843, 1845-1847	B18, null												36		39				42						
*1804	B18												36		39				42						
*180702, 1829, 3532, 3537, 3553N, 3564, 356801, 356802, 3599	B18, B35, null												36						42						
*1809	B18												36		39										
*1812	B18												36		39				42						
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.		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	
*3907	B16					?							36										45	47	48	
*3910, 3916, 3920	B39																						45		48	
*3917	B39																						45		48	
*3918	B39					29																	45	47	48	
*391901	B39																		42				45	47	48	
*391902	B39					29													42				45	47	48	
*3922	B39					29																	45	47	48	
*3936	-					29																		47	48	
*3939	B39					29						35											45		48	
*3942	B39					29												41					45	47	48	
*3943	-					29							36												47	48
*400101-400106, 400108, 4007, 4051, 4066, 4073, 4079	B60				28																					48
*400107, 407201, 407202, 4077	B60				28																					48
*400201-400209, 4004, 40060101-400602, 4039, 4040, 4070, 4089, 4094, 4097	B41, B61																									
*4003, 4020	B61												36													
*4005	B4005			27																						
*4008	B61																									
*4009, 4011, 4018, 4024, 4027, 4029, 4035, 4037, 4044, 4050, 4056, 4057, 4064, 4075, 4078, 4082, 4085, 4086, 4090, 4091, 4099	B61																									?
*4010, 4022N, 4033, 4036, 4042, 4043, 4049, 4054, 4055, 4061-4063, 4065, 4067, 4081, 4084, 4087, 4088, 4092	B60, null				28																					?
*4012	B60/ B48								32			35												43		
*4013, 4019	B61																									
*401401-401403, 4053	B60, B61				28																					?
*4015, 4032	B40	25			28																					?
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.		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
*4460	-			27	28													41							
*4462	-				28				32	33								41							
*4483	-																	41							
*4490	-				28													41							
*4495	-				28													41							
*4497	-				28													41							
*4501, 4505, 4507, 4511	B45				28				32			35													48
*4504	B21				28				32																48
*4506	B45				28				32			35													48
*4508	-				28				32																48
*4509	-				28				32				36	37											48
*4510	-				28				32		34														48
*460101-460103, 4604, 4605, 4607N, 4609, 4610, 4614-4616, 4622	B46, null								31				36												
*4602	B46								31				36												
*4603, 4608, 461301, 461302, 4619, 4621	B46								31				36												
*4606	-								31				36												
*4611	B22								31																
*4612, 4620	-			27					31				36												
*4617	-								31				36	37											
*4618	-								31																
*47010101, 47010102	B47				28																				
*4702	B47				28																				
*4703	B47				28																				
*4704, 4705	B17				28	29																			
*480101, 480102, 4807, 4809, 4811, 4819, 4820	B48											35													48
*480201, 480202	B48/ B70											35	36					41							48
*480301, 480302	B48											35													48
*4804	B48											35													48
*4805, 4808	B48	25										35													48
*4806	-																								48
*4810, 4812, 4817	B48											35													48
*4813	-											35													48
*4814	B48											35	36												48
*4815	B48	25										35													48
*4816	B48											35													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.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
*4818	B48											35														
*4821	-					29						35														48
*490101, 4906, 4908, 4909	B49				28																					
*490102	B49				28																					
*4902	B49				28																					
*4903	B49																									
*4904, 4905	B49				28								36													
*4907	-				28						34															
*500101, 500102, 5004, 5005, 5008	B50				28																					48
*5002	B45				28							35														48
*5006	-				28																					48
*5007	-																									48
*5009	-				28																					48
*510101, 510103, 510105-510108, 510110-510201, 510203, 5103, 5107, 510901, 5111N, 5112, 511302, 5114, 5117-5119, 5122, 5123, 512403, 5126-5130, 5132, 5133, 5138-5141N, 5143, 5148-5153, 5155, 5157, 5158, 5160, 5165-5167, 5169-5177, 5179, 5180, 5183-5188	B51, B5102, B5103, null										33															
*510102, 510109, 510202, 5105, 510902, 5189	B51, B5102										33															
*510104, 510204, 511301, 5116, 5121, 512401, 512402, 5131, 5134, 5135, 5182	B51, B5102																									
*5104, 5146, 5156	B51										33							41								
*5106, 5159	B51										33															
*5108, 5120, 5144N	B51, null								32	33																
*5110, 5181	B51																									
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.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	

*8201-8203	B82								32												43				
*8301	-																				41				
HLA-B allele⁴																									
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
<i>Cw*0130</i>					28																				
<i>Cw*0206</i>																									
<i>Cw*0223</i>		25																							
<i>Cw*0305, 0325, 0327</i>				27																					
<i>Cw*0620</i>																									
<i>Cw*0746</i>									32																
<i>Cw*150204</i>																									
<i>Cw*1525</i>																									
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

49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72		Well No.	
																								ser. ⁵	HLA-B allele ⁴	
			52																			71	72	B7, null	*070201-070219, 070501-0706, 0710, 0712, 0714, 071801, 071802, 0721-0723, 0726, 0728-0731, 0734, 0735, 0739, 0741-0746, 0749N, 0752, 0755-0759, 0761 0764, 0766-0768, 0770 0772, 0774-0776, 0779, 0780, 0782, 0783, 0786-0799	
																						71	72	B7, B703	*0703, 0708, 0716, 0732, 0737	
		51	52																			71	72	B7	*0704, 0725	
			52																			71		B7	*0707, 0777	
			52																			71	72	B7	*0709, 0711, 0717	
			w																			71	72	B7	*0713, 0715, 0747	
			52																			71		B7, B42	*0719, 0733, 0740, 0753	
			52																			71	72	B7	*0720, 0724	
																					70	72	-		*0727	
			52																		70	72	B7		*0736, 0781	
																					70	72	-		*0738	
			52																			71	72	B7	*0748, 0751	
																						71	72	-	*0750	
			52									62										71	72	B7	*0754	
			52																			71		-	*0760	
			52				56						64						w			71	72	-	*0765	
																						71	72	-	*0769, 0785	
			52																			71	72	-	*0773	
			52							59												71		-	*0778	
			52							59												71		-	*0784	
		51																					71	72	B8, Null	*080101-080110, 0805, 0808N, 0810, 0811, 0815, 0818, 0819N, 0822-0824, 0827, 0829 0831, 0833, 0834, 0839, 0841-0848, 0851, 0853
49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72		Well No.	

49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72		Well No.
		51																			70	72	B8	*0802, 0803, 0852	
		51																				71	72	B8	*0804
																						71	72	B8	*0806, 0813, 0820, 0840
		51																				71	72	B8	*0807, 0814
		51		54																		71		B8	*0809
		51																				71		B8	*081201-081203, 0816
		51										62										71	72	-	*0817, 0854
		51																				71	72	B8	*0821
																						71	72	B8	*0825
		51																				71	72	B8, -	*0826, 0850, 4207
		51																				71	72	B8	*0828, 0837
		51																68				71	72	B8	*0832
		51																				71	72	-	*0835
		51																				71	72	-	*0836
		51										62										71	72	-	*0838
		51		53																		71	72	-	*0849
												62										70		B13	*130101-130103, 1317, 1320, 132201-1323, 1325, 1328, 1329
												62										70		B13	*130201-130206, 1308Q, 1315, 1318, 1319, 1327, 1330, 1332-1334
												62		65								70		B49/ B15	*1303
												62										70		B13, B49/ B15	*1304, 1310
												62	64									70		B13	*1306
																						70		Null	*1307N
												62										71		-	*1309
												62						67				70		B13	*1311
												62										70		B13	*1312, 1313
												62										70		B13	*1314
									59			62										70		B13	*1316
												62										70		-	*1321, 1335
												62										70		-	*1326
									w			62								69	70			-	*1331
								57														70		-	*1336
																						71		B64, null	*1401, 1407N, 1412, 1414
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																						71		B65	*140203
																						71		B65	*140205
																						71		B14	*1405-140602, 1413
																						71		-, B39, null	*1408, 3925N, 3930, 3932-3934, 3947, 3950
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												62								69	71		B62	*150102	
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												62										71		B70, B72	*150301, 150302, 1547, 1549, 1561, 1598, 9503, 9523, 9527, 9532, 9551, 9556, 9558, 9573
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								57													69		71		B62, B75	*1508, 151101-151103, 1515, 9548
																							71		B70	*1509
																							71		B70, B71	*151001, 1537, 1590, 1599, 9533
								57													69		71		B71	*151002
													62								69		71		B75	*151104
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								57														70			B77	*1513
									59													70			B63	*1516, 1567, 1595
																						70			B63	*15170101-151702, 9562, 9568, 9577
																							71		B70, B71	*151801, 151802, 151804, 1551, 1552, 1572, 1593, 9508, 9514, 9519, 9534, 9553, 9576
																	67						71		B71	*151803
													62										71		B62	*1520, 152501, 152502
								57															71		B75	*1521, 1544
																						70			B5, B70	*1523, 9515
													62								69	70			B15, B62	*1524, 1587, 9557
																					69		71		B62, null	*1528, 9520, 9549N
																							71		B70	*1529
													62								69		71		B62	*1530, 1558, 1563
								57															71		B75	*1531
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													62								69	70			B15	*1543
													62								69		71		B62	*1545
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													62										71		B62	*1548, 9550
												61	62								69		71		-	*1553
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																						71		B70	*1580	
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													62									71		-	*1591, 9531	
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49																						71		B71	*9524	
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																						71		B39	*3910, 3916, 3920	
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																						71		B39	*3939	
																						71		B39	*3942	
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			52			55															69	71		-	*4617	
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													62									70		B17	*4704, 4705	
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49													62									71		B48	*480301, 480302	
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																								Cw*0206
																								Cw*0223
																								Cw*0305, 0325, 0327
																				69				Cw*0620
																								Cw*0746
															64									Cw*150204
				53																				Cw*1525
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