

Well No.		73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	
DRB1 allele ^{1,2}	ser ³																									
*01:01:01:01-01:02:13, 01:04-01:38, 01:40N-01:41, 01:43-01:60, 01:62:01N-01:88, 01:90-01:98, 01:100-01:101, 01:103-01:111, 01:113-01:125	DR1, Null, -	73																								
*01:03:01:01-03:05:05, 01:39N, 01:99, 01:102, 01:112	DR103, DR1, Null, -		74																							
*01:42, 01:61, 01:89	-	73	74																							
*03:01:01:01-03:01:05, 03:01:07-03:01:08, 03:01:10-03:01:23, 03:01:25-03:01:34, 03:04:01-03:06, 03:09, 03:11:01, 03:11:03-03:16, 03:18-03:20, 03:22-03:23, 03:25:01-03:26, 03:28, 03:30-03:31, 03:33-03:34, 03:36-03:37, 03:43-03:45, 03:47-03:48, 03:50-03:52:02, 03:54-03:63, 03:66-03:68N, 03:70-03:73, 03:75, 03:77-03:86, 03:89, 03:91, 03:93, 03:95-03:96, 03:98-03:100:02, 03:104, 03:106-03:110, 03:112-03:114, 03:116-03:118, 03:121-03:124, 03:127-03:129, 03:132-03:139, 03:141-03:149, 03:151-03:153, 03:158-03:161, 03:163-03:166, 03:168-03:170, 03:172, 03:175, 03:180-03:184, 03:186	DR17, DR3, Null, -					77	78											89								
*03:01:06, 03:01:09, 03:46, 03:64, 03:92, 03:111, 03:130, 03:156N, 03:162	DR17, Null, -					77	78																			
*03:01:24, 03:07:01:01-03:07:02, 03:17, 03:21, 03:24, 03:32, 03:35, 03:39-03:41:02, 03:49, 03:94, 03:97, 03:101, 03:105, 03:120, 03:150, 03:155, 03:171, 03:178, 03:185	DR3, -					77													89							
*03:02:01:01-03:03, 03:27, 03:29, 03:38, 03:53, 03:74, 03:88, 03:90, 03:102-03:103, 03:115, 03:119, 03:131, 03:154, 03:167, 03:176, 03:179	DR18, DR3, -					77	79												89							
*03:08, 03:65, 03:140	DR3, -					77	78				83		85													
*03:10	DR3					77	78													91	92					
*03:42, 03:69, 03:87, 03:173	-					77																				
*03:76, 03:174N	Null, -					77	78				84			87				89								
*03:125	-					77	78				84			87	88			89								
*03:126, 13:193 ⁴	-						78	79										89		91						
*03:157	-					77	78											89			92					
*03:177	-					77	78	79										89		91						
*04:01:01:01-04:05:11, 04:05:13-04:61, 04:63-04:68, 04:70-04:72:02, 04:74:01-04:104, 04:106-04:121, 04:123-04:145, 04:147-04:161, 04:163-04:210, 04:212N-04:250, 04:252-04:283, 04:285-04:322, 04:324-04:328	DR4, DR3, Null, -								80																	
*04:62, 04:69, 04:73:01-04:73:02, 04:105:01-04:105:02, 04:122, 04:146, 04:162, 04:251, 04:284:01-04:284:02	DR4, -								80										90							
*04:211	-								80											91						
*04:323	-								80					85												
*07:01:01:01-07:01:01:02, 07:01:01-04-07:01:27, 07:03-07:05, 07:07-07:127	DR7, Null, -									81																
*07:06	DR7									81	82															
*08:01:01-08:01:02, 08:01:04-08:01:05, 08:01:07-08:02:04, 08:04:01-08:07, 08:11:01:01-08:11:01:02, 08:16-08:17, 08:22, 08:24:01-08:24:02, 08:26, 08:28, 08:39, 08:42-08:44, 08:50, 08:52, 08:54-08:55, 08:59, 08:64, 08:72-08:73, 08:77-08:79, 08:82-08:86, 08:88-08:90, 08:93-08:94, 08:96, 08:99-08:101, 08:103, 08:105-08:107, 08:109	DR8, Null, -										82							88								
*08:01:06, 08:03:02:01-08:03:10, 08:03:12, 08:10, 08:12-08:15, 08:18-08:19, 08:23, 08:25, 08:27, 08:29-08:30:03, 08:33-08:34, 08:36:01, 08:37-08:38, 08:45:01-08:49, 08:51, 08:56, 08:58, 08:60N-08:62, 08:65-08:66, 08:68:02-08:69, 08:71, 08:74, 08:76, 08:81, 08:91, 08:95, 08:97, 08:102, 08:104	DR8, Null, -										82															
Well No.		73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	
Well No.		73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	
*08:03:11, 08:68:01	-										82										w					
*08:08	DR8										82						88		90							
*08:09:01	DR8										82						88				92					
*08:09:02, 14:15 ⁴	DR8, -										82						88	89			92					
*08:20, 13:18, 13:47, 13:55, 13:158:01-13:158:02, 13:164, 13:232, 13:286 ⁴	DR13, -																87	88	89		92					
*08:21	DR8										82						87	88			92					
*08:31, 11:05, 11:209 ⁴	DR8, DR11, -													85			88									
*08:32, 08:53	-										82				86						92					
*08:35, 08:36:02	-										82										92					
*08:40	-						78				82															
*08:41, 08:75, 11:67, 11:193:01-11:193:02 ⁴	-										82			85			88									
*08:57, 08:80, 08:98	-																88									
*08:63	-										82			85												
*08:67	-									81							88									
*08:70	-										82						88				w					

Negative control

*08:87	-											82			86	88			w						
*08:92	-								78			81	82				88								
*08:108	-											81	82				88								
*09:01:02:01-09:01:05, 09:01:07-09:02:02, 09:04-09:22, 09:24-09:28, 09:30-09:49	DR9, Null, -																			91					
*09:01:06, 09:03, 09:23, 09:29	DR9, -												83												
*10:01:01:01, 10:01:01:03-10:10, 10:12-10:18, 10:20-10:42	DR10, -																								
*10:11	-											81													
*10:19	-																					94			
*11:01:01:01, 11:01:01:03-11:01:17, 11:01:20-11:01:27, 11:01:29-11:01:45, 11:04:01:01-11:04:16, 11:04:18-11:04:20, 11:04:22, 11:06:01-11:06:03, 11:09:01:01-11:10:02, 11:12:01-11:12:03, 11:15:01:01-11:15:02, 11:24:01-11:24:02, 11:27:01, 11:28:01:01-11:29:02, 11:32-11:33, 11:35, 11:37:01-11:39, 11:43:01:01-11:44, 11:46:01-11:47, 11:49:01-11:51, 11:54:01-11:54:02, 11:56, 11:58:01-11:58:02, 11:60-11:62:02, 11:66:01-11:66:02, 11:72, 11:74:01-11:75, 11:77-11:78, 11:81, 11:84:01, 11:90-11:92, 11:94-11:95, 11:97, 11:99-11:102:02, 11:106, 11:108-11:117:02, 11:120-11:121, 11:123, 11:126, 11:128-11:129, 11:133-11:134, 11:137, 11:140-11:141, 11:144-11:147:02, 11:150, 11:152, 11:154-11:158, 11:160, 11:162-11:167, 11:169N-11:170, 11:172, 11:174-11:175, 11:177-11:181, 11:183, 11:185-11:190, 11:192, 11:194:01-11:201, 11:203-11:208, 11:210-11:212, 11:214-11:228, 11:230, 11:232, 11:234-11:236, 11:238-11:240, 11:243-11:247, 11:249-11:250N, 11:252-11:255, 11:257-11:259, 11:262-11:263, 11:265, 11:269, 11:271-11:275, 11:277-11:279, 11:281-11:282, 11:284-11:285, 11:287N, 11:289	DR11, Null, -																								
*11:01:18-11:01:19, 11:04:21, 11:08:01-11:08:03, 11:18-11:19:03, 11:42:01-11:42:02, 11:57, 11:130, 11:191, 11:248Q, 11:268, 11:280, 11:286	DR11, -																85			87					
*11:01:28	-																85			?	88				
*11:02:01:01-11:03:03, 11:11:01, 11:11:03, 11:14:01:01-11:14:02, 11:16:01:01-11:16:01:02, 11:20-11:21, 11:36, 11:40-11:41, 11:48, 11:63:01-11:63:02, 11:65:01-11:65:02, 11:68, 11:70, 11:76, 11:85-11:86, 11:93, 11:118:01-11:118:02, 11:122, 11:124:01, 11:127, 11:138-11:139, 11:151, 11:161, 11:168, 11:171, 11:176, 11:213, 11:231, 11:233, 11:237, 11:241-11:242, 11:251, 11:256, 11:260, 11:276, 11:290	DR11, DR13, -								78								85			87	88				
*11:03:04	-								78								85			87	88	89			
*11:04:17, 11:149	-																85			87	88	89			
Well No.		73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96
Well No.		73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96
*11:07:01-11:07:02, 11:103:01-11:103:02, 11:105, 11:107, 11:125, 11:173	DR11, -					77							83				85								
*11:13:01-11:13:02	DR11																85				89	91	92		
*11:17, 11:202	DR14, -																85				89	91	92		
*11:22, 11:53, 11:98, 11:104, 11:143, 11:261	DR11, -																85								
*11:23:01-11:23:02, 11:25, 11:96, 11:148	DR11, -																85			87	88				
*11:26, 11:34, 11:267	DR11, -																85								
*11:27:02-11:27:03, 11:84:02-11:84:03	DR11, -					77											85			87	88				
*11:30, 11:288	DR11, -					76											85			87	88				
*11:31, 11:45, 11:64, 11:119	DR11, -																85			87					92
*11:52	DR11																85					91	92		
*11:55	DR11																85								92
*11:59, 11:80, 11:83, 11:87, 11:135, 11:142, 11:182	DR11, -								78					84			85			87	88				
*11:69, 11:82	-																85				88				90
*11:73, 11:79, 11:131-11:132, 11:153, 11:184	-								78								85			87					
*11:88	-																85			87	88				90
*11:89, 11:159, 11:266, 11:283	-																85								92
*11:124:02	-					77	78										85			87	88				
*11:136	-					77											85								
*11:229, 11:270	-						78										85				88				
*11:264, 13:05:01:01-13:05:03, 13:07:01-13:07:02, 13:11:01-13:11:02, 13:14:01-13:14:03, 13:21:01:01-13:21:02, 13:42:01-13:42:02, 13:46, 13:49:01-13:50:03, 13:62, 13:100, 13:108, 13:132, 13:136, 13:150, 13:169, 13:189, 13:199, 13:203, 13:229, 13:246, 13:284, 13:302 ^d	DR13, DR11, DR6, -																								
*12:01:01:01-12:01:11, 12:03:02-12:04, 12:06-12:12, 12:14, 12:17, 12:24N-12:25, 12:28-12:30, 12:34-12:36, 12:38, 12:40-12:41, 12:46-12:48, 12:53-12:54, 12:58-12:59, 12:62-12:63, 12:68, 12:70, 12:72N, 12:77, 12:79, 12:82-12:84, 12:86N-12:87, 12:89-12:91	DR12, Null, -																86								

Negative control

ntrol

Well No.		73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96
*12:02:01:01-12:02:11, 12:13, 12:18-12:19, 12:21, 12:23, 12:26-12:27, 12:31N-12:33, 12:37, 12:42-12:45, 12:49-12:52, 12:55-12:56, 12:60N-12:61, 12:64-12:65, 12:67, 12:69, 12:71, 12:74N-12:76, 12:78, 12:80-12:81, 12:85, 12:92	DR12, Null, -														86	88									
*12:05	DR12														86							93			
*12:15	DR12														86	88						93			
*12:16:01-12:16:03	-									82					86	88									
*12:20	-														86		89								
*12:22	-									81	82				86										
*12:39	-										82				86										
*12:57, DRB3*02:111 ⁴	-				76											87	88					93			
*12:66	-														86					91					
*12:73	-						78			81					86	88									
*12:88	-									81					86										
*13:01:01:01-13:02:01:11, 13:02:03-13:02:18, 13:04, 13:08, 13:16:01:01-13:16:01:02, 13:20:01:01-13:20:01:03, 13:22:01:01-13:24:01:03, 13:28:01-13:29:01:02, 13:31-13:32, 13:34-13:36, 13:38-13:40, 13:48, 13:51-13:52, 13:54, 13:59, 13:61:01, 13:63-13:65, 13:68-13:70, 13:72-13:76, 13:78-13:80, 13:83-13:84, 13:87, 13:91-13:93, 13:96:02-13:99, 13:102, 13:105-13:107, 13:109, 13:111-13:114, 13:117:01:01-13:117:01:02, 13:121, 13:123-13:128, 13:130-13:131, 13:135, 13:138-13:143, 13:145, 13:147-13:149, 13:153, 13:155, 13:162, 13:166, 13:168, 13:171:02, 13:173, 13:177, 13:182, 13:184-13:187, 13:190, 13:200N-13:202, 13:204-13:205, 13:207-13:209, 13:212-13:213, 13:215, 13:218, 13:221, 13:223, 13:225-13:226, 13:230, 13:233-13:234, 13:236-13:245, 13:247, 13:249N-13:252N, 13:254-13:276, 13:278Q-13:283, 13:285, 13:287-13:288, 13:290-13:294, 13:296-13:298N, 13:300-13:301, 13:303-13:313, 13:315-13:316	DR13, DR11, DR14, Null, -						78									87	88	89							
Well No.		73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96
Well No.		73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96
*13:02:02	DR13						?											89							
*13:03:01:01-13:03:11, 13:10, 13:33:02-13:33:03, 13:37, 13:66:01-13:66:02, 13:81, 13:88-13:90, 13:94:02-13:95, 13:101, 13:115, 13:120, 13:133, 13:137N, 13:151-13:152, 13:170, 13:172, 13:174, 13:178, 13:180, 13:188, 13:194, 13:196, 13:216, 13:219, 13:227, 13:253	DR13, Null, -						78									87		89							
*13:06, 13:12:01-13:12:05, 13:25, 13:30, 13:56, 13:58, 13:60, 13:77, 13:82, 13:118, 13:134, 13:157, 13:161, 13:163, 13:181, 13:220, 13:224, 13:231, 13:295N	DR13, DR11, DR6, Null, -															87		89							
*13:09, 13:192, 13:210-13:211, 13:222	DR13, -																88	89							
*13:13, 13:119, 13:154, 13:156, 14:84, 14:116, 14:144 ⁴	DR13, -															87		89			92				
*13:15, 13:19, 13:53, 13:57, 13:104, 13:198	DR13, -						78	79								87	88	89							
*13:17, 13:116, 13:175, 13:214	DR13, -						78			81							88								
*13:26:01-13:26:02	DR14, -							79								87	88	89							
*13:27:01-13:27:02, 13:41, 13:71, 13:277	DR13, -						78				84					87	88	89							
*13:33:01, 13:94:01	DR13, -					77	78									87		89							
*13:43, 13:159, 13:179, 13:191, 13:217	DR13, -						78									87	88			91	92				
*13:44, 13:86, 13:206, 14:183 ⁴	-							79										89							
*13:45	DR13						78									87	88		90	92					
*13:61:02, 13:96:01	-					77	78									87	88	89							
*13:67, 13:103, 13:160, 13:195	DR13, -															87	88								
*13:85	-						78	79									87		89						
*13:110, 13:167	-						?									87		89							
*13:122	-						78									87									
*13:129	-						78				84						88	89							
*13:144	-						78									87	88	89			92				
*13:146	-																88	89			92				
*13:165	-						78									87	88								
*13:171:01	-						78			82						87	88			91	92				
*13:176	-						78				84					87		89							
*13:183	-						78										88	89							
*13:197	-									82						87	88		90	92					
*13:228	-															87									
*13:235, 14:98 ⁴	-						79									87		89							
*13:248	-						78										88								
*13:289N	Null						?									?		89							
*13:299	-						78																		
*13:314, 14:37 ⁴	DR14,-																88	89	90						

Negative co

Negative control

*15:167	-	75												90											
Well No.		73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96
Well No.		73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96
*16:01:01-16:03, 16:05:01-16:05:02, 16:07-16:17, 16:19-16:65, 16:67-16:69	DR16, Null, -				76																				
*16:04:01-16:04:02, 16:18	DR16, -				76															w					
*16:66	-			75	76																				
DRB3*01:01:02:01-01:41, DRB3*01:43-01:97N, DRB3*02:01-02:26, DRB3*02:28-02:110, DRB3*02:112-02:130, DRB3*02:132-02:145N, DRB3*02:147-02:159, DRB3*02:161-02:169, DRB3*03:01:01:01-03:53	DR52, Null, -																					93			
DRB3*01:42	-											83										93			
DRB3*02:27	-															87						93			
DRB3*02:131	-															87					92				
DRB3*02:146	-							77														93			
DRB3*02:160	-															87	88					93			
DRB4*01:01:01:01, DRB4*01:01:01:03-01:03:01:01, DRB4*01:03:01:03-01:03:01:12, DRB4*01:03:01:14-01:13, DRB4*01:15-01:30, DRB4*01:32-01:149N, DRB4*02:01N, DRB4*03:01N	DR53, Null, -																					94			
DRB4*01:03:01:02N, DRB4*01:03:01:13N, DRB4*01:14N	Null																			90				94	
DRB4*01:31	-																				92			94	
DRB5*01:01:01:01-01:114, DRB5*02:02:01-02:30	DR51, Null, -																								95

Negative control