

Well No.	DR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
DRB1 allele ^{1,2,5}	ser ³																								
*01:01:01-01:02:10, 01:04-01:38, 01:40N-01:41, 01:43-01:60, 01:62N-01:65	DR1, Null, -	1																							
*01:03, 01:39N	DR103/DR1, Null		2																						
*01:42, 01:61	-	1	2																						
*03:01:01-01-03:01:05, 03:01:07-03:01:08, 03:01:10-03:01:23, 03:04:01-03:06, 03:09, 03:12-03:16, 03:18-03:20, 03:22-03:23, 03:25-03:26, 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, 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, 03:113-03:114	DR17, DR3, Null, -					5	6											17							
*03:01:06, 03:01:09, 03:46, 03:64, 03:92	DR17, -					5	6																		
*03:02:01-03:03, 03:27, 03:29, 03:38, 03:53, 03:74, 03:88, 03:90, 03:102-03:103, 03:115	DR18, DR3, -					5		7											17						
*03:07, 03:17, 03:21, 03:24, 03:32, 03:35, 03:39-03:41, 03:49, 03:94, 03:101, 03:105	DR3, -					5													17						
*03:08, 03:65	DR3, -					5	6				11		13												
*03:10	DR3					5	6													19	20				
*03:11:01, 13:02:02 ⁴	-, DR13					6													17						
*03:42, 03:69, 03:87, 03:111	-					5																			
*03:76, 13:176 ⁴	-					6						12				15		17							
*03:97	-																		17						
*03:112	-					5	6					11							17						
*04:01:01-04:05:11, 04:05:13-04:61, 04:63-04:68, 04:70-04:72:02, 04:74-04:104, 04:106-04:121, 04:123-04:145, 04:147-04:186N	DR4, DR4/DR3, Null, -								8																
*04:62, 04:69, 04:73, 04:105:01-04:105:02, 04:122, 04:146	DR4, -								8											18					
*07:01:01-01-07:01:08, 07:03-07:35	DR7, Null, -									9															
*08:01:01-08:01:05, 08:02:01-08:02:04, 08:04:01-08:07, 08:11, 08:16-08:17, 08:22, 08:24, 08:26, 08:28, 08:39, 08:42-08:44, 08:50, 08:52, 08:54-08:55, 08:59	DR8, -										10						16								
*08:01:06, 08:03:02-08:03:04, 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, 08:45-08:49, 08:51, 08:56, 08:58, 08:60N	DR8, Null, -										10														
*08:08	DR8										10						16		18						
*08:09	DR8										10						16				20				
*08:20, 13:18, 13:47, 13:55, 13:158, 13:164 ⁴	DR13, -															15	16	17			20				
*08:21	DR8										10					15	16				20				
*08:31, 08:41, 11:67 ⁴	DR8/DR11, -										10			13		16									
*08:32, 08:53	-										10				14						20				
*08:35, 08:36:02	-										10										20				
*08:40	-						6				10														
*08:57	-																16								
*09:01:02-09:01:05, 09:01:07-09:02:02, 09:04-09:22, 09:24	DR9, -											11								19					
*09:01:06, 09:03, 09:23	DR9, -											11													
*10:01:01-10:07	DR10, -												12												

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*11:01:01-11:01:17, 11:01:20-11:01:24, 11:04:01-11:04:11, 11:06:01-11:06:03, 11:09-11:10:02, 11:12:01-11:12:02, 11:15, 11:24, 11:27:01-11:30, 11:32-11:33, 11:35, 11:37:01-11:39, 11:43-11:44, 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, 11:72, 11:74:01-11:75, 11:77-11:78, 11:81, 11:84:01-11:84:03, 11:88, 11:90-11:92, 11:94-11:95, 11:97, 11:99-11:102:02, 11:106, 11:108-11:117, 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	DR11, Null, -													13	15	16									
Well No.	DR	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.	DR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
*11:01:18-11:01:19, 11:08:01-11:08:03, 11:18-11:19:03, 11:42, 11:57, 11:130	DR11, -													13	15										
*11:02:01-11:03, 11:11:01-11:11:03, 11:14:01-11:14:02, 11:16, 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, 11:122, 11:124, 11:127, 11:138-11:139, 11:151, 11:161, 11:168, 11:171	DR11, DR11/DR13, -					6								13	15	16									
*11:05	DR11													13		16									
*11:07, 11:103, 11:105, 11:107, 11:125	DR11, -					5					11			13											
*11:13:01-11:13:02	DR11							w						13				17		19	20				
*11:17, 11:52	DR14, DR11													13						19	20				
*11:22, 11:98, 11:104, 11:136, 11:143	-													13											
*11:23:01-11:23:02, 11:25, 11:96, 11:148	DR11, -													13	15	16					20				
*11:26, 11:34	DR11							7						13											
*11:31, 11:45, 11:64, 11:119	DR11, -													13	15						20				
*11:53	DR11					5								13											
*11:55	DR11													13		16					20				
*11:59, 11:80, 11:83, 11:87, 11:135, 11:142	DR11, -						6					12		13	15	16									
*11:69, 11:82	-													13		16		18							
*11:73, 11:79, 11:131-11:132, 11:153	-						6							13	15										
*11:89, 11:159	-													13							20				
*11:149	-													13	15	16	17								
*12:01:01-12:01:05, 12:03:02-12:03:03, 12:05-12:12, 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	DR12, Null, -														14										
*12:02:01-12:02:06, 12:13, 12:15, 12:18-12:21, 12:23, 12:26-12:27, 12:31N-12:33, 12:37, 12:42-12:45, 12:50-12:51	DR12, Null, -														14	16									
*12:04, 12:39	DR12, -										10			14											
*12:16:01-12:16:03, 12:49	-										10			14	16										
*12:22	-									9	10			14											
*13:01:01-13:02:01, 13:02:03-13:02:10, 13:04, 13:08, 13:16, 13:20, 13:22-13:24, 13:28-13:29, 13:31-13:32, 13:34-13:36, 13:38-13:40, 13:48, 13:51-13:52, 13:54, 13:59, 13:61:01-13:61:02, 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, 13:96:01-13:99, 13:102, 13:105-13:107, 13:109, 13:111-13:114, 13:117, 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, 13:173, 13:177, 13:182, 13:184-13:187, 13:190	DR13, DR11, DR14, Null, -					6									15	16	17								

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*14:26, 14:28, 14:31, 14:32:03, 14:35, 14:38:01-14:39, 14:55, 14:60-14:62, 14:70-14:71, 14:75-14:76, 14:79, 14:86-14:88, 14:90, 14:99, 14:101, 14:104, 14:107, 14:110-14:114, 14:117-14:118, 14:124-14:125, 14:129, 14:131, 14:138-14:140, 14:142-14:143, 14:145, 14:147, 14:149-14:151, 14:153, 14:157-14:158	DR14, -																	?	18	19	20				
*14:27	DR14						7								15	16	17			20					
*14:32:01-14:32:02	DR14						w											?	18	19	20				
*14:37	DR14															16	17	18		20					
*14:42, 14:136	-																17			20					
*14:45, 14:95	DR14, -					6											17		19	20					
*14:46	DR14																			19					
*14:49, 14:119, 14:146	DR14, -						7											?	18	19	20				
*14:50	DR14									9								?	18	19	20				
*14:52	DR14																	?		19					
*14:54:04	-																17	18	w	20					
*14:58	DR14																	?	18	20					
*14:65	DR6						w										17		19	20					
*14:68:01, 14:93	DR14, -									10								?	18	19	20				
*14:69	-														15		?	18	20						
*14:73	-															16	?	18	19	20					
*14:74	-														15		?	18	19	20					
*14:82, 14:152N	Null, -					6											17	18	19	20					
*14:89	-						7											17		20					
*14:98	-						7								15		17								
*14:120, 14:122	-					6											?	18	19	20					
Well No.	DR	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.	DR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
*14:132	-						6											?		19	20				
*14:137N	Null						6								15		17	18	19	20					
*14:141	-																	17			21				
*14:148	-									10								?		19	20				
*15:01:01:01-15:20, 15:22-15:24, 15:26, 15:28-15:33, 15:35-15:65, 15:67-15:99, 15:101-15:115N	DR15, DR2, Null, -			3																					
*15:21	DR2			3																	w				
*15:25, 15:100	-			3		5																			
*15:27, 15:34, 15:66:01-15:66:02	-			3																19					
*16:01:01-16:03, 16:05:01-16:05:02, 16:07-16:17, 16:19-16:24	DR16, Null, -				4																				
*16:04, 16:18	DR16, -				4																w				
DRB3*01:01:02:01-01:15, DRB3*02:01:02:26, DRB3*02:28-02:29N, DRB3*03:01:01-03:03	DR52, Null, -																					21			
DRB3*02:27	-														15							21			
DRB4*01:01:01:01-01:03:01:01, DRB4*01:03:01:03-01:08	DR53, -																						22		
DRB4*01:03:01:02N	Null																			18			22		
DRB5*01:01:01-01:15, DRB5*02:02-02:06	DR51, Null, -																							23	
Well No.	DR	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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