

SCHEME 4A2 - AMBIGUOUS TYPING COMBINATIONS
over exons 2 and 3 for HLA Class I and exon 2 for HLA Class II
please refer to - <http://www.ebi.ac.uk/ipd/imgt/hla/ambig.html>
Release 3.33.0
SAMPLES 4A2 01-05/2018

Sample 4A2 01/2018

Locus	Combination 1 (consensus)	Combination 2	Combination 3	Combination 4	Combination 5	Combination 6	Combination 7	Combination 8	Combination 9	Combination 10	Combination 11	Combination 12	Combination 13	Combination 14	Combination 15
A*	01:01 68:01	A*01:03:01G+A*68:103:01	A*01:03:01G+A*68:103:02	A*01:17+A*68:03:01	A*01:17+A*68:03:03	A*01:26+A*68:41	A*01:26+A*68:84	A*01:43+A*68:71	A*01:88:02+A*68:91	A*01:98+A*68:113	A*01:221+A*68:119:01	A*01:221+A*68:119:02	A*36:04+A*68:65	A*01:221+A*68:119:01	A*01:221+A*68:119:02
B*	08:01 44:02	B*08:02+B*44:09	B*08:12:01+B*44:211	B*08:23+B*44:206	B*08:38:02+B*44:12	B*08:47+B*44:176	B*08:60+B*44:49	B*08:60+B*44:41:01	B*08:71+B*44:53:01	B*08:74+B*44:51	B*08:88+B*44:84:02	B*08:111+B*44:14	B*08:117+B*44:254	B*08:122+B*44:221	B*08:129+B*44:106
C*	02:02 07:01	C*02:13+C*07:165	C*02:16:02+C*07:22	C*02:27:01+C*07:09	C*02:43:01+C*07:207	C*02:55:01+C*07:40	C*02:65+C*07:559	C*02:75+C*07:16							
DRB1*	03:01 13:01	DRB1*03:07:01G+DRB1*13:27	DRB1*03:15:01+DRB1*13:61:02	DRB1*03:19+DRB1*13:20											
DQA1*	01:03 05:01														
DQB1*	02:01 06:03	DQB1*02:31+DQB1*06:28													
DPA1*	01:03 02:01	DPA1*01:06:01+DPA1*02:03													
DPB1*	01:01 04:01	DPB1*01:01:05+DPB1*278:01	DPB1*39:01:01G+DPB1*90:01:01	DPB1*65:01:01+DPB1*199:01	DPB1*89:01+DPB1*377:01	DPB1*150:01+DPB1*158:01	DPB1*398:01+DPB1*440:01								

Sample 4A2 02/2018

Locus	Combination 1 (consensus)	Combination 2	Combination 3	Combination 4	Combination 5	Combination 6	Combination 7	Combination 8	Combination 9	Combination 10	Combination 11	Combination 12	Combination 13	Combination 14	Combination 15
A*	02:01 11:01	A*02:06:01G+A*11:199:01	A*02:12+A*11:24:02	A*02:20:01+A*11:224	A*02:24:01+A*11:119:01	A*02:27+A*11:31	A*02:34+A*11:19	A*02:45+A*11:70:01	A*02:56:02+A*11:121	A*02:86:01+A*11:73	A*02:90+A*11:06	A*02:92+A*11:103	A*02:101:01+A*11:04	A*02:226+A*11:24:01	A*02:338+A*11:288
B*	15:01 44:03	B*15:05:01+B*44:146	B*15:14+B*44:37:01	B*15:14+B*44:37:02	B*15:46+B*44:57	B*15:128+B*44:45	B*15:135+B*44:109	B*15:154+B*44:65	B*15:183+B*44:245	B*15:233+B*44:43:01	B*15:256+B*44:46	B*15:347+B*44:205:01	B*15:415+B*44:79:01	B*15:347+B*44:205:02	
C*	03:03 16:01	C*03:116:01+C*16:49	C*03:325+C*16:113												
DRB1*	07:01 07:01														
DQA1*	02:01 05:05														
DQB1*	02:02 03:03														
DPA1*	01:03 02:01														
DPB1*	03:01 04:01	DPB1*20:01:01G+DPB1*577:01	DPB1*23:01:01G+DPB1*92:01	DPB1*25:01+DPB1*215:01	DPB1*50:01+DPB1*687:01	DPB1*52:01+DPB1*214:01	DPB1*56:01+DPB1*80:01	DPB1*57:01:01G+DPB1*294:01	DPB1*72:01:01G+DPB1*132:01	DPB1*108:01+DPB1*709:01	DPB1*150:01+DPB1*164:01	DPB1*209:01+DPB1*355:01	DPB1*306:01+DPB1*613:01	DPB1*392:01+DPB1*442:01	DPB1*398:01+DPB1*508:01

Sample 4A2 03/2018

Locus	Combination 1 (consensus)	Combination 2	Combination 3	Combination 4	Combination 5	Combination 6	Combination 7	Combination 8	Combination 9	Combination 10	Combination 11	Combination 12	Combination 13	Combination 14	Combination 15
A*	24:02 26:01	A*24:03:01G+A*26:49	A*24:05:01G+A*26:122	A*24:06+A*26:68	A*24:21:01+A*26:10	A*24:29+A*26:83	A*24:46+A*26:09	A*24:50+A*26:16	A*24:52+A*26:70	A*24:56+A*26:12	A*24:99+A*26:14	A*24:100+A*26:87	A*24:145+A*26:69	A*24:260+A*26:65	A*24:302+A*26:05
B*	27:05 01:02														
C*	01:02 11:01	DRB1*01:08+DRB1*11:29:01	DRB1*01:18:01+DRB1*11:37:01	DRB1*01:75+DRB1*13:14:01											
DRB1*	01:01 05:05														
DQA1*	03:01 05:01	DQB1*03:10:02G+DQB1*05:63	DQB1*03:73+DQB1*05:11:02												
DQB1*	01:03 02:01	DPA1*01:06:01+DPA1*02:03													
DPA1*	04:01 16:01														
DPB1*	03:01 04:01														

Sample 4A2 04/2018

Locus	Combination 1 (consensus)	Combination 2	Combination 3	Combination 4	Combination 5	Combination 6	Combination 7	Combination 8	Combination 9	Combination 10	Combination 11	Combination 12	Combination 13	Combination 14	Combination 15
A*	01:01 24:02	A*01:14+A*24:46	A*01:21+A*24:229	A*01:25+A*24:87	A*01:26+A*24:136	A*01:30+A*24:17	A*01:69:01+A*24:243	A*01:88:02+A*24:21:01	A*01:89+A*24:120	A*01:95+A*24:04	A*01:98+A*24:160	A*01:100+A*24:260	A*01:126+A*24:59	A*01:188+A*24:104	A*01:221+A*24:235
B*	08:01 40:01	B*08:04:01+B*40:07	B*08:12:01+B*40:80	B*08:13+B*40:279	B*08:23+B*40:43	B*08:38:02+B*40:25	B*08:38:02+B*40:328	B*08:120+B*40:114:01	B*08:165+B*40:199						
C*	03:04 07:01	C*03:08+C*07:27:01	C*03:09+C*07:257:01	C*03:32+C*07:16	C*03:35:01+C*07:196	C*03:37:02+C*07:20	C*03:38:02+C*07:40	C*03:40:01G+C*07:248	C*03:41:01+C*07:330:01	C*03:41:02+C*07:330:02	C*03:64:02+C*07:263	C*03:92+C*07:212	C*03:162+C*07:304	C*03:309+C*07:165	C*03:344+C*07:96:01
DRB1*	03:01 04:04	DRB1*03:06+DRB1*04:42	DRB1*03:15:01+DRB1*04:44:02	DRB1*03:91+DRB1*04:13											
DQA1*	03:01 05:01														
DQB1*	02:01 03:02	DQB1*02:54+DQB1*03:221	DQB1*02:57+DQB1*03:261												
DPA1*	01:03 02:01	DPA1*01:06:01+DPA1*02:03													
DPB1*	01:01 04:02	DPB1*01:01:05+DPB1*365:01	DPB1*23:01:01G+DPB1*122:01	DPB1*39:01:01G+DPB1*316:01	DPB1*49:01:01G+DPB1*201:01	DPB1*65:01:01+DPB1*369:01	DPB1*68:01+DPB1*158:01	DPB1*75:01+DPB1*89:01	DPB1*184:01+DPB1*440:01						

Sample 4A2 05/2018

Locus	Combination 1 (consensus)	Combination 2	Combination 3	Combination 4	Combination 5	Combination 6	Combination 7	Combination 8	Combination 9	Combination 10	Combination 11	Combination 12	Combination 13	Combination 14	Combination 15
A*	01:01 29:02	A*01:17+A*29:34	A*01:61+A*29:09	A*01:100+A*29:66	A*01:221+A*29:44	A*29:03+A*36:04									
B*	08:01 44:03	B*08:01:32+B*44:03:01G	B*08:02+B*44:46	B*08:12:01+B*44:110	B*08:12:03+B*44:110	B*08:13+B*44:02:01G	B*08:21+B*44:163:01	B*08:21+B*44:163:02	B*08:47+B*44:109	B*08:60+B*44:65	B*08:71+B*44:192:01	B*08:74+B*44:45	B*08:87+B*44:77	B*08:122+B*44:258	B*08:129+B*44:54
C*	07:01 16:01	C*07:16+C*16:26	C*07:26:01+C*16:21	C*07:27:01+C*16:87	C*07:40+C*16:15:01	C*07:53+C*16:35	C*07:92+C*16:80	C*07:514+C*16:07:02							
DRB1*	07:01 11:01	DRB1*07:01:16+DRB1*11:01:04	DRB1*07:31+DRB1*11:19:01	DRB1*07:50+DRB1*11:177											
DQA1*	02:01 05:05														
DQB1*	02:02 03:01														
DPA1*	01:03 02:01	DPA1*01:06:01+DPA1*02:03													
DPB1*	01:01 03:01	DPB1*26:01:02+DPB1*50:01	DPB1*52:01+DPB1*536:01	DPB1*132:01+DPB1*411:01	DPB1*142:01+DPB1*248:01	DPB1*201:01+DPB1*363:01									