

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>

SAMPLES 4A2 06-10/2015

Sample 4A2 06/15

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 03:01	A*02:01:36+A*03:01:38	A*02:01:52+A*03:01:03	A*02:20:01+A*03:157:01	A*02:24:01+A*03:17:01	A*02:26+A*03:07	A*02:34+A*03:08	A*02:35:01+A*03:108	A*02:62+A*03:176	A*02:86+A*03:123:01	A*02:90+A*03:09	A*02:195+A*03:23:01	A*02:237+A*03:05:01	A*02:338+A*03:95	
B*	27:05 40:01	B*27:05:24+B*40:01:04	B*27:08+B*40:188	B*27:27+B*40:124:02	B*27:46+B*40:240	B*27:90:02+B*40:87:02	B*27:128+B*40:235								
C*	01:02 05:01	C*01:02:34+C*05:01:12	C*01:12:01+C*05:59	C*01:13+C*05:18:03	C*01:14+C*08:02:01G	C*01:43+C*05:29:01	C*01:84+C*05:98	C*01:79:02+C*05:85							
DRB1*	01:01 01:03														
DQA1*	01:01 05:05														
DQB1*	03:01 05:01	DQB1*03:10:02+DQB1*05:63	DQB1*03:73+DQB1*05:11:02												
DPA1*	01:03														
DPB1*	04:01														

Sample 4A2 07/15

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 03:01	A*02:01:36+A*03:01:38	A*02:01:52+A*03:01:03	A*02:20:01+A*03:157:01	A*02:24:01+A*03:17:01	A*02:26+A*03:07	A*02:34+A*03:08	A*02:35:01+A*03:108	A*02:62+A*03:176	A*02:86+A*03:123:01	A*02:90+A*03:09	A*02:195+A*03:23:01	A*02:237+A*03:05:01	A*02:338+A*03:95	
B*	07:02														
C*	07:02														
DRB1*	07:01 14:54														
DQA1*	01:04 02:01														
DQB1*	03:03 05:03	DQB1*03:112+DQB1*05:66	DQB1*03:137+DQB1*05:64												
DPA1*	01:03														
DPB1*	04:01														

Sample 4A2 08/15

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 32:01	A*01:23+A*32:24	A*01:100+A*32:62	A*01:145+A*32:30	A*32:13+A*36:04										
B*	08:01 14:01	B*08:94+B*14:28													
C*	07:01 08:02	C*07:01:48+C*08:02:04	C*07:16+C*08:28	C*07:26+C*08:37	C*07:40+C*08:05	C*07:73+C*08:103	C*07:141:02+C*08:07	C*07:148+C*08:94	C*07:176+C*08:04:01	C*07:304+C*08:47					
DRB1*	03:01 07:01	DRB1*03:01:20+DRB1*07:01:16	DRB1*03:11:01+DRB1*07:42	DRB1*03:54+DRB1*07:50											
DQA1*	02:01 05:01														
DQB1*	02:01 02:02														
DPA1*	01:03														
DPB1*	02:01 03:01	DPB1*04:02:01G+DPB1*29:01	DPB1*06:01+DPB1*75:01	DPB1*08:01+DPB1*164:01	DPB1*20:01:01+DPB1*188:01	DPB1*25:01+DPB1*46:01:01	DPB1*37:01+DPB1*108:01	DPB1*50:01+DPB1*311:01	DPB1*57:01+DPB1*109:01	DPB1*59:01+DPB1*88:01	DPB1*73:01+DPB1*413:01	DPB1*79:01+DPB1*235:01	DPB1*132:01+DPB1*189:01		

Sample 4A2 09/15

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*	02:66 03:01														
B*	27:01 55:01	B*27:142+B*55:31													
C*	01:02 03:03	C*01:02:04+C*03:03:10	C*01:02:06+C*03:03:09	C*01:22+C*03:49	C*01:48+C*03:18:02	C*01:51+C*03:04:01G	C*01:85+C*03:151	C*01:107+C*03:55							
DRB1*	04:01 04:04	DRB1*04:08:01+DRB1*04:13													
DQA1*	03:01														
DQB1*	03:02														
DPA1*	01:03														
DPB1*	04:01 04:02	DPB1*23:01:01G+DPB1*51:01													

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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 32:01														
B*	15:01 44:02	B*15:14+B*44:91	B*15:46+B*44:08	B*15:128+B*44:51	B*15:135+B*44:176	B*15:154+B*44:41:01	B*15:179:02+B*44:146	B*15:183+B*44:34:02	B*15:233+B*44:17	B*15:256+B*44:09	B*15:347+B*44:84:01				
C*	01:02 05:01	C*01:02:34+C*05:01:12	C*01:12:01+C*05:59	C*01:13+C*05:18:03	C*01:14+C*08:02:01G	C*01:43+C*05:29:01	C*01:84+C*05:98	C*01:79:02+C*05:85							
DRB1*	01:01 09:01	DRB1*01:21+DRB1*09:05													
DQA1*	01:01 03:02														
DQB1*	03:03 05:01	DQB1*03:03:05+DQB1*05:01:12	DQB1*03:26+DQB1*05:51	DQB1*03:112+DQB1*05:11:01											
DPA1*	01:03 02:01	DPA1*01:03:03+DPA1*02:01:02	DPA1*01:06:01+DPA1*02:03												
DPB1*	04:01 13:01	DPB1*33:01+DPB1*412:01	DPB1*39:01+DPB1*110:01	DPB1*173:01+DPB1*294:01	DPB1*206:01+DPB1*278:01										