

B-CELL LINE EXCHANGE #312

JULY 8, 2024

B-cell Line	623- 624
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The results for B-cell Line Exchange #312 are summarized in Tables 1 - 2. Individual lab results reported for each sample are listed in Tables 3 - 6.

We would like to express our appreciation to **Welsh Blood Service, Pontyclun** for donating the reference B*39:04 cell examined in this study. We

would also like to thank the labs performing NGS for sharing their findings and encourage other NGS labs to do so as well. Haplotype frequencies used in this report are from the NMDP Bioinformatics website, <https://bioinformatics.bethematchclinical.org/>.

Ter-623. The following was the reported HLA type for this cell from a Caucasian donor:

HLA-A		HLA-B		HLA-C	
*02:01	*02:05	*39:25N	*50:01	*06:02	*12:03

DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
*04:01	*11:01	3*02:02	4*01:03	*03:03	*05:05	*03:01		*01:03		*03:01	*04:01

One likely association present in this cell was A*02:05-B*50:01-C*06:02, observed in Caucasians, with HF = 0.00360. The other likely association present was A*02:01-B*39:25N-C*12:03.

This cell was 13W09502, the reference cell for B*39:25N. It was examined in Workshops as IHW9502, as well as in the Exchange as Ter 535 (2017) and as extracts 431 (2008), 303 (2004), and 226 (2002). In the present retyping, B*39:25N was assigned in complete consensus by labs reporting at high resolution. Good agreement (>80%) was also achieved for all other allele assignments.

Ter-624. The following was the reported HLA type for this cell from a donor of Chinese descent.

HLA-A		HLA-B		HLA-C	
*02:01		*15:11	*39:04	*03:03	*07:02

DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
*09:01		4*01:03		*03:02		*03:03		*01:03	*02:02	*02:02	*05:01

One likely association present in this cell was A*02:01-B*15:11-C*03:03, observed exclusively in Asian populations, with HF = 0.00352. The other likely association present was A*02:01-B*39:04-C*07:02. This same association was observed in THC0233, one of the reference cells for B*39:04. THC0233 was also of Asian descent.

This cell is 13703390, a reference cell for B*15:11:01 and B*39:04. It was examined for class I in the Exchange as extract 382 (2007). In this present retyping, B*15:11 was assigned by 100%, with 9 labs assigning B*15:11:01. Nine labs (39%) reporting at low resolution assigned B15(B75). B*39:04 was reported in complete consensus as the second B-locus type. Good agreement (>80%) was also achieved for all other allele assignments.

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Table 2: Summary of the 312th B-cell Line Exchange

Ter-624

Ter-624												
DNA Typing - class II	26 labs High; 22 labs low-DRB1	%(n)	20 labs High; 15 labs Low-DRB3/4/5	%(n)	19 labs High; 20 labs Low-DQA1	%(n)	26 labs High; 21 labs Low-DQB1	%(n)	16 labs High; 11 labs Low-DPA1	%(n)	25 labs High; 12 labs Low-DPB1	%(n)
	DRB1*09:01:02	23(6)	DRB4*01:03:02	20(4)	DQA1*03:02:01	26(5)	DQB1*03:03:02	23(6)	DPA1*01:03:01	31(5)	DPB1*02:02:01	16(4)
	DRB1*09:01:02G	12(3)	DRB4*01:01:01G	20(4)	DQA1*03:01P	5 (1)	DQB1*03:03:02G	15(4)	DPA1*01:03:01G	6 (1)	DPB1*02:02:01G	24(6)
	DRB1*09:01P	12(3)	DRB4*01:03	60(12)	DQA1*03:02	68(13)	DQB1*03:03P	4 (1)	DPA1*01:03	63(10)	DPB1*02:02P	20(5)
	DRB1*09:01	53(14)	DRB4*01	87(13)	DQA1*03	100(20)	DQB1*03:03	58(15)	DPA1*01	100(11)	DPB1*02:02	40(10)
	DRB1*09	100(22)	DRB4*PRESENT	13(2)			DQB1*03(DQ9)	57(12)			DPB1*02(DP202)	33(4)
							DQB1*03	43(9)			DPB1*02	67(8)
	DNA Typing - class I	24 labs High; 23 labs low- A	%(n)	24 labs High; 23 labs low- B	%(n)	24 labs High; 22 labs low- C	%(n)			16 labs High; 11 labs Low-DPA1	%(n)	25 labs High; 12 labs Low-DPB1
A*02:01:01:01		4 (1)	B*15:11:01	38(9)	C*03:03:01:01	4 (1)			DPA1*02:02:02	31(5)	DPB1*05:01:01	16(4)
A*02:01:01		33(8)	B*15:11:01G	4 (1)	C*03:03:01	29(7)			DPA1*02:02:02G	6 (1)	DPB1*05:01:01G	28(7)
A*02:01:01G		4 (1)	B*15:11	58(14)	C*03:03:01G	4(1)			DPA1*02:02	63(10)	DPB1*05:01P	20(5)
A*02:01P		4 (1)	B*15(B75)	39(9)	C*03:03P	4(1)			DPA1*02	100(11)	DPB1*05:01	36(9)
A*02:01		54(13)	B*15	61(14)	C*03:03	58(14)					DPB1*05	100(12)
A*02		100(23)			C*03(Cw9)	55(12)						
					C*03	45(10)						
					24 labs High; 23 labs low- B	%(n)	24 labs High; 22 labs low- C	%(n)				
					B*39:04	100(24)	C*07:02:01:01	4 (1)				
					B*39	100(23)	C*07:02:01	29(7)				
							C*07:02:01G	4 (1)				
						C*07:02P	4 (1)					
						C*07:02	58(14)					
						Cw7	100(22)					

Table 3a: Individual laboratory results for B-cell #623 - Class II

Low resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
725	*04	*11	3*02	4*01	*03	*05	*03(DQ7)						SSO	
747	*04	*11	3*02	4*01	*03	*05	*03(DQ7)	*03(DQ7)	*01	*01	*03	*04(DP401)	SSP SSO NGS	
771	*04	*11			*03	*05	*03	*03					SSP SSO SBT NGS	
792	*04	*11	3*02	4*01	*03	*05	*03(DQ7)	*03(DQ7)	*01	*01	*03	*04	SSO NGS	
793	*04	*11	3*PRESENT	4*present	*03	*05	*03(DQ7)		*01		*03	*04	SSP	
794	*04	*11	3*02	4*01	*03	*05	*03		*01		*03	*04	SSP SSO NGS RT-PCR	
2400	*04	*11	3*02	4*01	*03	*05	*03(DQ7)		NT	NT	*03	*04(DP401)	SSO NGS	
2847	*04	*11											SSO	
3519	*04	*11	3*02	4*01	*03	*05	*03(DQ7)		*01		*03	*04(DP401)	SSP NGS	
3753	*04	*11	3*02	4*01	*03	*05	*03(DQ7)		*01		*03	*04(DP401)	SSO	
5130	*04	*11	3*02	4*01	*03	*05	*03	*03	*01	*01	*03	*04	SSO NGS RT-PCR	
5214	*04	*11	3*02	4*01	*03	*05	*03(DQ7)		*01		*03	*04	RT-PCR	
5219	*04	*11			*03	*05	*03	*03					SSO NGS	
5451	*04	*11	3*02	4*01	*03	*05	*03						SSO NGS	
5642	*04	*11	3*PRESENT	4*PRESENT	*03	*05	*03						SSP SSO	
6649	*04	*11					*03(DQ7)	*03(DQ7)					SSO	
8029	*04	*11			*03	*05	*03	*03						
8038	*04	*11	3*02	4*01	*03	*05	*03(DQ7)	*03(DQ7)	*01	*01	*03	*04(DP401)	SSO SBT	
8043	*04	*11	3*02	4*01	*03	*05	*03		*01		*03	*04	SSP SSO NGS	
8058	*04	*11	NT	NT	*03	*05	*03	*06	NT	NT	NT	NT	SSO	
8068	*04	*11			*03	*05	*03	*03					SSO	
8123	*04	*11	3*02	4*01	*03	*05	*03(DQ7)	*03(DQ7)	*01	*01	*03	*04(DP401)	RT-PCR	

Table 3b: Individual laboratory results for B-cell #623 - Class II

High resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
230	*04:01	*11:01	3*02:02	4*01:03	*03:03	*05:05	*03:01	*03:01	*01:03	*01:03	*03:01	*04:01	NGS	
747	*04:01:01	*11:01:01	3*02:02	4*01:03:01	*03:03:01	*05:05:01	*03:01:01	*03:01:01	*01:03:01	*01:03:01	*03:01:01	*04:01:01	SSP SSO NGS	
762	*04:01	*11:01	3*02:02	4*01:03	*03:03	*05:05	*03:01		*01:03		*03:01	*04:01	NGS	
771	*04:01	*11:01					*03:01	*03:01			*03:01	*04:01	SSP SSO SBT NGS	
792	*04:01	*11:01	3*02:02	4*01:03	*03:03	*05:05	*03:01	*03:01	*01:03	*01:03	*03:01:01G	*04:01:01G	SSO NGS	DPB1*124:01 DPB1*350:01
793											*03:01	*04:01	SSP	
794	*04:01:01	*11:01:01	3*02:02	4*01:03	*03:03:01	*05:05:01	*03:01:01		*01:03:01		*03:01:01	*04:01:01	SSP SSO NGS RT-PCR	DRB4*01:134
2344	*04:01:01G	*11:01:01G	NT	NT	NT	NT	*03:01:01G	*03:01:01G	NT	NT	*03:01:01G	*04:01:01G	NGS	
2400	*04:01	*11:01	3*02:02	4*01:03	*03:03	*05:05	*03:01		NT	NT	*03:01:01G	*04:01:01G	SSO NGS	DQB1*03:276N DQB1*03:297 DQB1*03:419
3135	04:01P	*11:01P	3*02:02:01G	4*01:01:01G	*03:01P	*05:01P	*03:01P		*01:03		*03:01P	*04:01P		
3511	*04:01	*11:01	3*02:02P	4*01:03	*03:03	*05:05	*03:01		*01:03		*03:01	*04:01	NGS	
3519	*04:01	*11:01	3*02:02P	4*01:03	*03:03	*05:05	*03:01		*01:03		*03:01	*04:01P	SSP NGS	DRB3*02:02 DPB1*04:01
3966	*04:01	*11:01	3*02:02	4*01:03			*03:01	*03:01					SSP SSO RT-PCR	DRB4*01:01
4251	*04:01:01G	*11:01:01G	3*02:02:01G	4*01:01:01G	*03:03	*05:05	*03:01:01G	*03:01:01G	*01:03:01G	*01:03:01G	*03:01	*04:01:01G	NGS	
4337	*04:01	*11:01					*03:01	*03:01			*03:01	*04:01	SSP SBT NGS SSO NGS	
5130	*04:01	*11:01	3*02:02	4*01:03	*03:03	*05:05	*03:01	*03:01	*01:03	*01:03	*03:01:01G	*04:01:01G	RT-PCR	
5133	*04:01:01	*11:01:01	3*02:02:01	4*01:03:01	*03:03:01	*05:05:01	*03:01:01		*01:03:01		*03:01:01	*04:01:01	NGS	DQB1*03:276N DPB1*124:01 DPB1*350:01
5219	*04:01:01	*11:01:01					*03:01:01	*03:01:01			*03:01:01	*04:01:01	SSO NGS	
5451	*04:01:01	*11:01:01	3*02:02P	4*01:01P	*03:03:01	*05:05:01	*03:01:01		*01:03:01		*03:01:01	*04:01:01	SSO NGS	
5462	*04:01	*11:01	3*02:02	4*01:03	*03:03	*05:05	*03:01		*01:03		*03:01P	*04:01P	NGS	DPB1*124:01 DPB1*350:01
5488	*04:01:01	*11:01:01	3*02:02:01	4*01:03:01	*03:03:01	*05:05:01	*03:01:01G		*01:03:01		*03:01:01G	*04:01:01G	SSO NGS	DPB1*03:01:01 DPB1*124:01:01 DPB1*04:01:01 DPB1*350:01 DQB1*03:01:01 DQB1*03:276N
5642	*04:01	*11:01			*03:03	*05:05	*03:01						SSP SSO	
8001	*04:01	*11:01	3*02:02	4*01:03	*03:03	*05:05	*03:01		*01:03		*03:01	*04:01	NGS	DRB1*11:01:12N DQB1*03:276N DQB1*03:454 DPB1*939:01

Table 3b: Individual laboratory results for B-cell #623 - Class II

High resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
8029	*04:01:01G	*11:01:01G					*03:01:01G	*03:01:01G			*03:01:01G	*04:01:01G		
8038	*04:01:01G	*11:01:01G	3*02:02:01G	4*01:01:01G	NT	NT	*03:01:01G	*03:01:01G	NT	NT	*03:01:01	*04:01:01G	SSO SBT	DPB1*1226:01 DPB1*124:01 DPB1*350:01 DPB1*03:01:08 DPB1*04:01:31
8043	*04:01:01	*11:01:01	3*02:02:01	4*01:01:01G	*03:03	*05:05	*03:01		*01:03:01		*03:01	*04:01	SSP SSO NGS	
8122	*04:01	*11:01	3*02:02	4*01:03	*03:03	*05:05	*03:01		*01:03		*03:01	*04:01	NGS	DQB1*03:276N DPB1*124:01 DPB1*350:01

Table 4: Individual laboratory results for B-cell #623 - Class I

Center	Low resolution						High resolution						METHOD	Other Alleles
	HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C			
230							*02:01	*02:05	*39:25N	*50:01	*06:02	*12:03	NGS	
725	*02		*39	*50	*06	*12							SSO	
747	*02	*02	*39	*50	*06	*12	*02:01:01	*02:05:01	*39:25N	*50:01:01	*06:02:01	*12:03:01	SSP SSO NGS	
762							*02:01	*02:05	*39:25N	*50:01	*06:02	*12:03	NGS	A*02:102 A*02:623
771	*02	*02	*39	*50	*06	*12	*02:01	*02:05	*39:25N	*50:01	*06:02	*12:03	SSP SSO SBT NGS	
792	*02	*02	*39	*50	*06	*12	*02:01	*02:05	*39:25N	*50:01	*06:02	*12:03	SSO NGS	
793	*02		*39	*50	*06	*12							SSP	
794	*02		*39	*50	*06	*12	*02:01:01	*02:05:01	*39:25N	*50:01:01	*06:02:01	*12:03:01	SSP SSO NGS RT-PCR	
2344							*02:01:01	*02:05:01	*39:25N	*50:01:01	*06:02:01	*12:03:01	NGS	A*02:102 A*02:623
2400	*02			*50	*06	*12	*02:01	*02:05	*39:25N	*50:01	*06:02	*12:03	SSO NGS	
2847	*02	*02	*39	*50	*06	*12							SSO	
3135							*02:01P	*02:05P	*39:25N	*50:01P	*06:02P	*12:03P		
3511							*02:01	*02:05	*39:25N	*50:01	*06:02	*12:03	NGS	
3519	*02		*39	*50	*06	*12	*02:01	*02:05	*39:25N	*50:01	*06:02	*12:03	SSP NGS	
3753	*02		*39N	*50	*06	*12							SSO	
3966	*02	*02	*39	*50	*06	*12							SSP SSO RT-PCR	
4251							*02:01	*02:05	*39:25N	*50:01	*06:02	*12:03	NGS	
4337							*02:01	*02:05	*39:25N	*50:01	*06:02	*12:03	SSP SBT NGS	
5130	*02	*02	*39	*50	*06	*12	*02:01	*02:05	*39:25N	*50:01	*06:02	*12:03	SSO NGS RT-PCR	
5133							*02:01:01:01	*02:05:01:01	*39:25N	*50:01:01	*06:02:01:02	*12:03:01:01	NGS	
5214	*02	*02	*39	*50	*06	*12							RT-PCR	
5219	*02	*02	*39	*50	*06	*12	*02:01:01	*02:05:01	*39:25N	*50:01:01	*06:02:01	*12:03:01	SSO NGS	
5451	*02		*39	*50	*06	*12	*02:01:01	*02:05:01	*39:25N	*50:01:01	*06:02:01	*12:03:01	SSO NGS	
5462							*02:01	*02:05	*39:25N	*50:01	*06:02	*12:03	NGS	
5488							*02:01:01	*02:05:01	*39:25N	*50:01:01	*06:02:01	*12:03:01	SSO NGS	
5642	*02		*39	*50	*06	*12							SSP SSO	
6649	*02	*02	*39	*50									SSO	
8001							*02:01	*02:05	*39:25N	*50:01	*06:02	*12:03	NGS	
8029	*02	*02	*39	*50	*06	*12	*02:01:01	*02:05:01:01	*39:25N	*50:01:01	*06:02:01:02	*12:03:01		

Table 4: Individual laboratory results for B-cell #623 - Class I

Center	Low resolution						High resolution						METHOD	Other Alleles
	HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C			
8038	*02	*02	*39N	*50	*06	*12	*02:01:01G	*02:05:01	*39:25N	*50:01P	*06:02P	*12:03:01G	SSO SBT	A*02:06P A*02:102 A*02:623 A*02:14 A*02:22:01 A*02:591 C*06:02:38 C*06:11 C*06:122 C*06:297 C*06:30 C*06:76:01 C*06:82 C*12:03:08 C*12:04:02 C*12:54 C*12:28 C*12:147 C*12:154 A*02:603 A*02:02 C*06:03:02 C*12:03:26 C*12:03:09 C*06:28
8043	*02	*02	*39	*50	*06	*12	*02:01:01	*02:05:01	*39:25N	*50:01:01	*06:02:01	*12:03:01	SSP SSO NGS	
8058	*02		*39	*50	*06	*12							SSO	
8068	*02	*02	*39	*50	*06	*12							SSO	
8122							*02:01	*02:05	*39:25N	*50:01	*06:02	*12:03	NGS	
8123	*02	*02	*39	*50	*06	*12							RT-PCR	

Table 5a: Individual laboratory results for B-cell #624 - Class II

Center	Low resolution												METHOD	Other Alleles	
	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1				
725	*09		4*01		*03		*03(DQ9)							SSO	
747	*09	*09	4*01	4*01	*03	*03	*03(DQ9)	*03(DQ9)	*01	*02	*02	*05		SSP SSO NGS	
771	*09	*09			*03	*03	*03	*03						SSP SSO SBT NGS	
792	*09	*09	4*01	4*01	*03	*03	*03(DQ9)	*03(DQ9)	*01	*02	*02	*05		SSO NGS	
793	*09		4*PRESENT		*03		*03(DQ9)		*01	*02	*02	*05		SSP	
794	*09		4*01		*03		*03		*01	*02	*02	*05		SSP SSO NGS	
2400	*09		4*01		*03		*03(DQ9)		NT	NT	*02(DP202)	*05		RT-PCR	
2847	*09													SSO NGS	
3519	*09		4*01		*03		*03(DQ9)		*01	*02	*02(DP202)	*05		SSP NGS	
3753	*09		4*01		*03		*03(DQ9)		*01	*02	*02	*05		SSO	
5130	*09	*09	4*01		*03	*03	*03	*03	*01	*02	*02	*05		SSO NGS	
5214	*09		4*01		*03		*03(DQ9)		*01	*02	*02	*05		RT-PCR	
5219	*09	*09			*03	*03	*03	*03						SSO NGS	
5451	*09		4*01		*03		*03							SSO NGS	
5642	*09		4*PRESENT		*03		*03(DQ9)							SSP SSO	
6649	*09	*09					*03(DQ9)	*03(DQ9)						SSO	
8029	*09	*09			*03	*03	*03	*03							
8038	*09	*09	4*01	4*01	*03	*03	*03(DQ9)	*03(DQ9)	*01	*02	*02(DP202)	*05		SSO SBT	
8043	*09		4*01		*03		*03		*01	*02	*02	*05		SSP SSO NGS	
8058	*09		NT	NT	*03		*03		NT	NT	NT	NT		SSO	
8068	*09	*09			*03	*03	*03	*03						SSO	
8123	*09	*09	4*01		*03	*03	*03(DQ9)	*03(DQ9)	*01	*02	*02(DP202)	*05		RT-PCR	

Table 5b: Individual laboratory results for B-cell #624 - Class II

High resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
230	*09:01	*09:01	4*01:03	4*01:03	*03:02	*03:02	*03:03	*03:03	*01:03	*02:02	*02:02	*05:01	NGS	
747	*09:01:02	*09:01:02	4*01:03:02	4*01:03:02	*03:02:01	*03:02:01	*03:03:02	*03:03:02	*01:03:01	*02:02:02	*02:02:01	*05:01:01	SSP SSO NGS	
762	*09:01		4*01:03		*03:02		*03:03		*01:03	*02:02	*02:02	*05:01	NGS	DPB1*547:01 DPB1*744:01
771	*09:01	*09:01					*03:03	*03:03			*02:02	*05:01	SSP SSO SBT NGS	
792	*09:01	*09:01	4*01:03	4*01:03	*03:02	*03:02	*03:03	*03:03	*01:03	*02:02	*02:02:01G	*05:01:01G	SSO NGS	DPB1*547:01 DPB1*744:01
793											*02:02	*05:01	SSP	
794	*09:01:02		4*01:03		*03:02:01		*03:03:02		*01:03:01	*02:02:02	*02:02:01	*05:01:01	SSP SSO NGS RT-PCR	
2344	*09:01:02G	*09:01:02G	NT	NT	NT	NT	*03:03:02G	*03:03:02G	NT	NT	*02:02:01G	*05:01:01G	NGS	
2400	*09:01		4*01:03		*03:02		*03:03		NT	NT	*02:02:01G	*05:01:01G	SSO NGS	DRB1*09:31
3135	*09:01P		4*01:01:01G		*03:01P		*03:03P		*01:03	*02:02	*02:02P	*05:01P		
3511	*09:01		4*01:03		*03:02		*03:03		*01:03	*02:02	*02:02	*05:01	NGS	
3519	*09:01P		4*01:03		*03:02		*03:03				*02:02P	*05:01P	SSP NGS	DRB1*09:01 DRB1*09:31 DPB1*02:02 DPB1*547:01 DPB1*05:01 DPB1*1273:01 DPB1*744:01
3966	*09:01	*09:01	4*01:03	4*01:03			*03:03	*03:03					SSP SSO RT-PCR	
4251	*09:01:02G	*09:01:02G	4*01:01:01G	4*01:01:01G	*03:02	*03:02	*03:03:02G	*03:03:02G	*01:03:01G	*02:02:02G	*02:02	*05:01:01G	NGS	
4337	*09:01	*09:01					*03:03	*03:03			*02:02	*05:01	SSP SBT NGS	
5130	*09:01	*09:01	4*01:03		*03:02	*03:02	*03:03	*03:03	*01:03	*02:02	*02:02:01G	*05:01:01G	SSO NGS RT-PCR	DRB1*09:31 DRB1*09:31
5133	*09:01:02		4*01:03:02		*03:02:01		*03:03:02		*01:03:01	*02:02:02	*02:02:01	*05:01:01	NGS	DPB1*547:01 DPB1*744:01
5219	*09:01:02	*09:01:02					*03:03:02	*03:03:02			*02:02:01	*05:01:01	SSO NGS	
5451	*09:01:02		4*01:03:02		*03:02:01		*03:03:02		*01:03:01	*02:02:02	*02:02P	*05:01P	SSO NGS	
5462	*09:01		4*01:03		*03:02		*03:03		*01:03	*02:02	*02:02P	*05:01P	NGS	DPB1*547:01 DPB1*744:01
5488	*09:01:02		4*01:03:02		*03:02:01		*03:03:02		*01:03:01	*02:02:02	*02:02:01G	*05:01:01G	SSO NGS	DPB1*02:02:01 DPB1*547:01 DPB1*05:01:01 DPB1*744:01
5642	*09:01				*03:02		*03:03						SSP SSO	
8001	*09:01		4*01:03		*03:02		*03:03		*01:03	*02:02	*02:02	*05:01	NGS	DPB1*1273:01 DPB1*547:01 DPB1*744:01
8029	*09:01:02G	*09:01:02G					*03:03:02G	*03:03:02G			*02:02:01G	*05:01:01G		

Table 5b: Individual laboratory results for B-cell #624 - Class II

High resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
8038	*09:01P	*09:01P	4*01:01:01G	4*01:01:01G	NT	NT	*03:03:02G	*03:03:02G	NT	NT	*02:02P	*05:01P	SSO SBT	DPB1*547:01 DPB1*744:01
8043	*09:01		4*01:01:01G		*03:02		*03:03		*01:03	*02:02	*02:02	*05:01	SSP SSO NGS	
8122	*09:01		4*01:03		*03:02		*03:03		*01:03	*02:02	*02:02	*05:01	NGS	

Table 6: Individual laboratory results for B-cell #624 - Class I

Low resolution							High resolution							
Center	HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C		METHOD	Other Alleles
230							*02:01	*02:01	*15:11	*39:04	*03:03	*07:02	NGS	
725	*02		*15(B75)	*39	*03(Cw9)	*07							SSO	
747	*02	*02	*15	*39	*03(Cw9)	*07	*02:01:01	*02:01 :01	*15:11:01	*39:04	*03:03:01	*07:02:01	SSP SSO NGS	
762							*02:01		*15:11	*39:04	*03:03	*07:02	NGS	
771	*02	*02	*15	*39	*03	*07	*02:01	*02:01	*15:11	*39:04	*03:03	*07:02	SSP SSO SBT NGS	
792	*02	*02	*15(B75)	*39	*03(Cw9)	*07	*02:01	*02:01	*15:11	*39:04	*03:03	*07:02	SSO NGS	
793	*02		*15	*39	*03(Cw9)	*07							SSP	
794	*02		*15	*39	*03	*07	*02:01:01		*15:11:01	*39:04	*03:03:01	*07:02:01	SSP SSO NGS RT-PCR	
2344							*02:01:01	*02:01 :01	*15:11:01	*39:04	*03:03:01	*07:02:01	NGS	
2400	*02		*15(B75)	*39	*03(Cw9)	*07	*02:01		*15:11	*39:04	*03:03	*07:02	SSO NGS	
2847	*02		*15	*39	*03	*07							SSO	
3135							*02:01P		*15:11:01G	*39:04	*03:03P	*07:02P		
3511							*02:01		*15:11	*39:04	*03:03	*07:02	NGS	
3519	*02		*15	*39	*03(Cw9)	*07	*02:01		*15:11	*39:04	*03:03	*07:02	SSP NGS	
3753	*02		*15(B75)	*39	*03(Cw9)	*07							SSO	
3966	*02	*02	*15(B75)	*39	*03(Cw9)	*07							SSP SSO RT-PCR	
4251							*02:01	*02:01	*15:11	*39:04	*03:03	*07:02	NGS	
4337							*02:01	*02:01	*15:11	*39:04	*03:03	*07:02	SSP SBT NGS	
5130	*02	*02	*15	*39	*03	*07	*02:01	*02:01	*15:11	*39:04	*03:03	*07:02	SSO NGS RT-PCR	
5133							*02:01:01:01		*15:11:01	*39:04	*03:03:01:01	*07:02:01:01	NGS	
5214	*02		*15(B75)	*39	*03(Cw9)	*07							RT-PCR	
5219	*02	*02	*15	*39	*03	*07	*02:01:01	*02:01 :01	*15:11:01	*39:04	*03:03:01	*07:02:01	SSO NGS	
5451	*02		*15	*39	*03	*07	*02:01:01		*15:11:01	*39:04	*03:03:01	*07:02:01	SSO NGS	
5462							*02:01		*15:11	*39:04	*03:03	*07:02	NGS	
5488							*02:01:01		*15:11:01	*39:04	*03:03:01	*07:02:01	SSO NGS	
5642	*02		*15	*39	*03(Cw9)	*07							SSP SSO	
6649	*02	*02	*15(B75)	*39									SSO	
8001							*02:01		*15:11	*39:04	*03:03	*07:02	NGS	
8029	*02	*02	*15	*39	*03	*07	*02:01:01	*02:01 :01	*15:11:01	*39:04	*03:03:01	*07:02:01		
8038	*02	*02	*15(B75)	*39	*03(Cw9)	*07	*02:01:01G	*02:01 :01G	*15:11:01	*39:04	*03:03:01G	*07:02:01G	SSO SBT	C*07:853
8043	*02		*15	*39	*03	*07	*02:01:01		*15:11	*39:04	*03:03	*07:02	SSP SSO NGS	
8058	*02		*15	*39	*03	*07							SSO	
8068	*02	*02	*15	*39	*03	*07							SSO	
8122							*02:01		*15:11	*39:04	*03:03	*07:02	NGS	
8123	*02	*02	*15(B75)	*39	*03(Cw9)	*07							RT-PCR	