

B-CELL LINE EXCHANGE #313

OCTOBER 4, 2024

B-cell Line	625- 626
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The results for B-cell Line Exchange #313 are summarized in Tables 1 - 2. Individual lab results reported for each sample are listed in Tables 3 - 6.

We are most grateful to the generosity of **Welsh Blood Service, Pontyclun** for sharing the reference B*40:14:03 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-625. The following was the reported HLA type for this cell from a Caucasian donor:

HLA-A		HLA-B		HLA-C	
*02:01	*23:01	*40:14	*44:03	*03:04	*04:01

DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
*11:01	*13:02	3*02:02	3*03:01	*01:02	*05:05	*03:01	*06:04	*01:03	*01:03	*02:01	*03:01

One likely association present in this cell was A*23:01-B*44:03-C*04:01-DRB1*11:01-DQB1*03:01, observed in Caucasians, with HF = 0.00045. The other likely association present was A*02:01-B*40:14-C*03:04-DRB1*13:02-DQB1*06:04. DRB1*13:02-DQB1*06:04 is most commonly observed in Caucasians, with HF = 0.03208.

This cell was 11169540, one of the reference cells for B*40:14:03. It was examined previously in the Exchange as Ter 558 (2018), extract 554 (2012), and extract 374 (2006). In this present retyping, B*40:14 was reported by 100% of labs, with 9 labs (35%) assigning B*40:14:03. Among labs reporting at low resolution, 9 labs (50%) assigned B*40(B60). Good agreement ($\geq 80\%$) was achieved for all other allele assignments.

Note: For Ter 625 and Ter 626, DPB1 was not graded for low resolution as the number of labs reporting was < 10.

Ter-626. The following was the reported HLA type for this cell from a donor of Australian Aboriginal descent:

HLA-A		HLA-B		HLA-C	
*34:01	*34:01	*40:02	*56:01	*01:02	*15:02

DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1	
*08:03	*14	3*02:02		*01:03	*01:04	*05:03	*05:03	*01:03	*02:02	*02:01	*05:01

One likely class I association in this cell was A*34:01-B*40:02-C*15:02. This association is observed exclusively in Asian and Pacific Islanders (API), with HF = 0.00300. The other likely association present was A*34:01-B*56:01-C*01:02. The association of A*34:01-B*56:01 is also observed exclusively in API populations, with HF = 0.00028.

This cell was WON, I. It was a reference cell for DRB1*14:211 and was examined in the workshops as IHW9194 and in the Exchange as Ter 514 (2015), Ter 412 (2008), Ter 238 (1999), and extract 126 (2000). In this present retyping, no consensus was achieved in the reporting of the subtype for DRB1*14. DRB1*14:211 was reported by 19 labs, 6 labs reported DRB1*14:08, and 3 labs reported DRB1*14:08:01G. By comparison, DRB1*14:08 was assigned by 100% (n = 35) of labs in 2015. Several labs at the time noted a new allele was likely present. The new allele was described as differing from DRB1*14:08 by a single nucleotide substitution at position 566 (T → C), which resulted in an amino acid change from methionine to threonine at codon 160. DRB1*14:211 was assigned to the IPD-IMGT/HLA data-

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Arlene Locke, David Gjertson, Qiheng Zhang, and Elaine F. Reed

Table 1: Summary of the 313th B-cell Line Exchange

Ter-625																			
DNA Typing - class II	<u>28 labs High; 18 labs low-DRB1</u> % (n)			<u>23 labs High; 12 labs Low-DRB3/4/5</u> % (n)			<u>21 labs High; 15 labs Low-DQA1</u> % (n)			<u>28 labs High; 17 labs Low-DQB1</u> % (n)			<u>21 labs High; 10 labs Low-DPA1</u> % (n)			<u>26 labs High; 9 labs Low-DPB1</u> % (n)			
	DRB1*11:01:01	21(6)		DRB3*02:02:01	17(4)		DQA1*01:02:01	29(6)		DQB1*03:01:01	18(5)		DPA1*01:03:01	28(6)		DPB1*02:01:02	15(4)		
	DRB1*11:01:01G	14(4)		DRB3*02:02:01G	13(3)		DQA1*01:02	71(15)		DQB1*03:01:01G	18(5)		DPA1*01:03:01G	10(2)		DPB1*02:01:02G	31(8)		
	DRB1*11:01P	4 (1)		DRB3*02:02P	9 (2)		DQA1*01	100(15)		DQB1*03:01P	3 (1)		DPA1*01:03	62(13)		DPB1*02:01P	19(5)		
	DRB1*11:01	61(17)		DRB3*02:02	61(14)					DQB1*03:01	61(17)		DPA1*01	100(10)		DPB1*02:01	35(9)		
	DRB1*11	100(18)		DRB3*02	92(11)					DQB1*03(DQ7)	59(10)					DPB1*02(DP201)	44(4)		
				DRB3*PRESENT	8 (1)					DQB1*03	41(7)					DPB1*02	56(5)		
	DNA Typing - class I	<u>26 labs High; 18 labs low- A</u> % (n)			<u>26 labs High; 18 labs low- B</u> % (n)			<u>26 labs High; 16 labs low- C</u> % (n)											
		A*02:01:01:01	4 (1)		B*40:14:03	35(9)		C*03:04:01:01	4 (1)										
		A*02:01:01	27(7)		B*40:14	65(17)		C*03:04:01	27(7)										
A*02:01:01G		4 (1)		B*40(B60)	50(9)		C*03:04:01G	4 (1)											
A*02:01P		4 (1)		B*40	50(9)		C*03:04P	4 (1)											
A*02:01		61(16)					C*03:04	61(16)											
A*02		100(18)					C*03(Cw10)	62(10)											
							C*03	38(6)											

Table 3a: Individual laboratory results for B-cell #625 - Class II

Low resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
725	*11	*13	3*02	3*03	*01	*05	*03(DQ7)	*06					SSO	
747	*11	*13	3*02	3*03	*01	*05	*03(DQ7)	*06	*01	*01	*02	*03	SSP SSO NGS RT-PCR	
771	*11	*13			*01	*05	*03	*06					SSO NGS	
792	*11	*13	3*02	3*03	*01	*05	*03(DQ7)	*06	*01	*01	*02	*03	SSO NGS	
793	*11	*13	3*02	3*03	*01	*05	*03(DQ7)	*06	*01				SSP	
794	*11	*13	3*02	3*03	*01	*05	*03	*06	*01		*02	*03	SSP SSO NGS RT-PCR	
2847	*11	*13											SSO	
3519	*11	*13	3*02	3*03	*01	*05	*03(DQ7)	*06	*01		*02(DP201)	*03	SSP NGS	
5130	*11	*13	3*02	3*03	*01	*05	*03	*06	*01	*01	*02	*03	SSO NGS RT-PCR	
5214	*11	*13	3*02	3*03	*01	*05	*03(DQ7)	*06	*01		*02(DP201)	*03	SSO	
5642	*11	*13	3*PRESENT				*03(DQ7)	*06					SSP SSO	
6649	*11	*13					*03(DQ7)	*06					SSO	
8029	*11	*13			*01	*05	*03	*06					SSO NGS	
8038	*11	*13	3*02	3*03	*01	*05	*03(DQ7)	*06	*01	*01	*02(DP201)	*03	SSO SBT	
8043	*11	*13	3*02	3*03	*01	*05	*03	*06	*01		*02	*03	SSP SSO NGS	
8058	*11	*13	NT	NT	*01	*05	*03	*06	NT	NT	NT	NT		
8068	*11	*13			*01	*05	*03	*06					SSO	
8123	*11	*13	3*02	3*03	*01	*05	*03(DQ7)	*06	*01	*01	*02(DP201)	*03	RT-PCR	

Table 3b: Individual laboratory results for B-cell #625 - Class II

High resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
230	*11:01	*13:02	3*02:02	3*03:01:01	*01:02	*05:05	*03:01	*06:04	*01:03	*01:03	*02:01	*03:01	NGS	
747	*11:01:01	*13:02:01	3*02:02	3*03:01:01	*01:02:01	*05:05:01	*03:01:01	*06:04:01	*01:03:01	*01:03:01	*02:01:02	*03:01:01	SSP SSO NGS RT-PCR	DRB3*02:02:01G
762	*11:01	*13:02	3*02:02	3*03:01	*01:02	*05:05	*03:01	*06:04	*01:03		*02:01	*03:01	NGS	
771	*11:01	*13:02					*03:01	*06:04			*02:01	*03:01	SSO NGS	
792	*11:01	*13:02	3*02:02	3*03:01	*01:02	*05:05	*03:01	*06:04	*01:03	*01:03	*02:01:02G	*03:01:01G	SSO NGS	
794	*11:01:01	*13:02:01	3*02:02	3*03:01	*01:02:01	*05:05:01	*03:01:01	*06:04:01	*01:03:01		*02:01:02	*03:01:01	SSP SSO NGS RT-PCR	
2344	*11:01:01G	*13:02:01G					*03:01:01G	*06:04:01G			*02:01:02G	*03:01:01G		
2400	*11:01	*13:02	3*02:02	3*03:01	*01:02	*05:05	*03:01	*06:04	*01:03	NT	*02:01:02G	*03:01:01G	SSO NGS	DQB1*03:276N DQB1*03:297 DQB1*03:419
3135	*11:01P	*13:02:01	3*02:02	3*03:01	*01:02	*05:01P	*03:01P	*06:04P	*01:03		*02:01P	*03:01P		
3224	*11:01	*13:02	3*02:02	3*03:01	*01:02	*05:05	*03:01	*06:04	*01:03		*02:01P	*03:01P	NGS	
3511	*11:01	*13:02	3*02:02P	3*03:01	*01:02	*05:05	*03:01	*06:04	*01:03		*02:01	*03:01	NGS	
3519	*11:01	*13:02	3*02:02P	3*03:01	*01:02	*05:05	*03:01	*06:04	*01:03		*02:01P	*03:01P	SSP NGS	DR3*02:02 DPB1*02:01 DPB1*109:01 DPB1*03:01 DPB1*57:01
3753	*11:01:01	*13:02:01	3*02:02:01G	3*03:01:01	*01:02:01	*05:05:01	*03:01:01G	*06:04:01	*01:03:01	*01:03:01G	*02:01:02G	*03:01:01	NGS	
3966	*11:01	*13:02	3*02:02	3*03:01			*03:01	*06:04					SSP SSO	
4251	*11:01:01G	*13:02	3*02:02:01G	3*03:01:01G	*01:02	*05:05	*03:01:01G	*06:04:01G	*01:03:01G	*01:03:01G	*02:01:02G	*03:01	NGS	
4337	*11:01	*13:02					*03:01	*06:04			*02:01	*03:01	SSP SBT NGS	
5130	*11:01	*13:02	3*02:02	3*03:01	*01:02	*05:05	*03:01	*06:04	*01:03	*01:03	*02:01:02G	*03:01:01G	SSO NGS RT-PCR	
5133	*11:01:01	*13:02:01	3*02:02:01	3*03:01:01	*01:02:01	*05:05:01	*03:01:01	*06:04:01	*01:03:01		*02:01:02	*03:01:01	NGS	
5451	*11:01:01	*13:02:01	3*02:02:01	3*03:01:01	*01:02:01	*05:05:01	*03:01:01	*06:04:01	*01:03:01		*02:01:02	*03:01:01	SBT NGS	
5462	*11:01	*13:02	3*02:02	3*03:01	*01:02	*05:05	*03:01	*06:04	*01:03		*02:01P	*03:01P	NGS	DPB1*352:01 DPB1*124:01
5488	*11:01:01	*13:02:01	3*02:02:01	3*03:01:01	*01:02:01	*05:05:01	*03:01:01	*06:04:01	*01:03:01		*02:01:02G	*03:01:01G	SSO NGS	DPB1*02:01:02 DPB1*03:01:01 DPB1*124:01:01 DPB1*352:01:02
5642	*11:01	*13:02					*03:01	*06:04					SSP SSO	
8001	*11:01	*13:02	3*02:02	3*03:01	*01:02	*05:05	*03:01	*06:04	*01:03		*02:01	*03:01	NGS	
8029	*11:01:01G	*13:02:01G					*03:01:01G	*06:04:01G			*02:01:02G	*03:01:01G	SSO NGS	

Table 3b: Individual laboratory results for B-cell #625 - Class II

High resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
														DQB1*06:39 DQB1*03:22 DRB3*02:01P DRB3*02:10 DRB1*3*02:38 DRB3*02:50 DRB3*02:107 DRB3*02:07 DRB3*02:05:01 DRB3*03:06 DRB3*03:17 DRB3*02:89 DRB3*03:41 DRB3*03:35 DRB3*03:23 DRB3*03:02 DPB1*06:01:01 DPB1*75:01 DPB1*08:01 DPB1*164:01 DPB1*105:01:01 DPB1*105:01:02 DPB1*124:01 DPB1*352:01:02 DPB1*132:01 DPB1*189:01 DPB1*16:01:01 DPB1*20:01:01 DPB1*188:01 DPB1*25:01 DPB1*46:01:01+
8038	*11:01:01G	*13:02:01G	3*02:02:01G	3*03:01P	NT	NT	*03:01:01G	*06:04P	NT	NT	*02:01P	*03:01:01	SSO SBT	
8043	*11:01	*13:02	3*02:02:01	3*03:01:01G	*01:02	*05:05	*03:01	*06:04	*01:03		*02:01	*03:01	SSP SSO NGS	
8122	*11:01	*13:02	3*02:02	3*03:01	*01:02	*05:05	*03:01	*06:04	*01:03		*02:01	*03:01	NGS	DPB1*352:01 DPB1*124:01 DQB1*03:454
8137	*11:01	*13:02	3*02:02	3*03:01	*01:02	*05:05	*03:01	*06:04	*01:03:01G	*01:03:01G	*02:01	*03:01	SBT	

Table 4: Individual laboratory results for B-cell #625 - 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	*23:01	*40:14	*44:03	*03:04	*04:01	NGS	
725	*02	*23	*40	*44	*03(Cw10)	*04							SSO	
747	*02	*23	*40	*44	*03(Cw10)	*04	*02:01:01	*23:01:01	*40:14:03	*44:03:01	*03:04:01	*04:01:01	SSP SSO NGS	
762							*02:01	*23:01	*40:14	*44:03	*03:04	*04:01	RT-PCR	
771	*02	*23	*40	*44	*03	*04	*02:01	*23:01	*40:14	*44:03	*03:04	*04:01	NGS	
792	*02	*23	*40(B60)	*44	*03(Cw10)	*04	*02:01	*23:01	*40:14	*44:03	*03:04	*04:01	SSO NGS	
793	*02	*23	*40(B60)	*44	*03(Cw10)	*04							SSO NGS	
794	*02	*23	*40	*44	*03	*04							SSP	
2344							*02:01:01	*23:01:01	*40:14:03	*44:03:01	*03:04:01	*04:01:01	SSP SSO NGS	
2400	*02	*23	*40(B60)	*44			*02:01:01	*23:01:01	*40:14:03	*44:03:01	*03:04:01	*04:01:01	RT-PCR	
2847	*02	*23	*40	*44	*03	*04	*02:01	*23:01	*40:14	*44:03	*03:04	*04:01	SSO NGS	
3135							*02:01P	*23:01P	*40:14:03	*44:03P	*03:04P	*04:01P	SSO	
3224							*02:01	*23:01	*40:14	*44:03	*03:04	*04:01		
3511							*02:01	*23:01	*40:14	*44:03	*03:04	*04:01	NGS	
3519	*02	*23	*40(B60)	*44	*03(Cw10)	*04	*02:01	*23:01	*40:14	*44:03	*03:04	*04:01	NGS	
3753							*02:01:01	*23:01:01	*40:14	*44:03:01	*03:04:01	*04:01:01	SSP NGS	
3966	*02	*23	*40	*44	*03(Cw10)	*04							NGS	
4251							*02:01	*23:01	*40:14	*44:03	*03:04	*04:01	SSP SSO	
4337							*02:01	*23:01	*40:14	*44:03	*03:04	*04:01	NGS	
5130													SSP SBT NGS	
5133							*02:01	*23:01	*40:14	*44:03	*03:04	*04:01	SSO NGS	
5451							*02:01:01:01	*23:01:01:01	*40:14:03	*44:03:01	*03:04:01:01	*04:01:01:14	RT-PCR	
5214	*02	*23	*40(B60)	*44	*03(Cw10)	*04	*02:01:01	*23:01:01	*40:14:03	*44:03:01	*03:04:01	*04:01:01	NGS	
5462							*02:01	*23:01	*40:14	*44:03	*03:04	*04:01	SBT NGS	
5488							*02:01:01	*23:01:01	*40:14:03	*44:03:01	*03:04:01	*04:01:01	SSO	
5642	*02	*23	*40(B60)	*44	*03(Cw10)	*04							SSO NGS	
6649	*02	*23	*40(B60)	*44									SSP SSO	
8001							*02:01	*23:01	*40:14	*44:03	*03:04	*04:01	SSO	
8029	*02	*23	*40	*44	*03	*04	*02:01	*23:01	*40:14	*44:03	*03:04	*04:01	NGS	
8038	*02	*23	*40(B60)	*44	*03(Cw10)	*04	*02:01:01	*23:01:01	*40:14:03	*44:03:01	*03:04:01	*04:01:01	SSO NGS	
8043	*02	*23	*40	*44	*03	*04	*02:01:01G	*23:01P	*40:14:03	*44:03P	*03:04:01G	*04:01P	SSO SBT	C*04:423
8068	*02	*23	*40	*44	*03	*04	*02:01	*23:01	*40:14	*44:03	*03:04	*04:01	SSP SSO NGS	
8122							*02:01	*23:01	*40:14	*44:03	*03:04	*04:01	SSO	
8123	*02	*23	*40(B60)	*44	*03(Cw10)	*04							NGS	
8137							*02:01	*23:01	*40:14	*44:03	*03:04	*04:01	RT-PCR	
													SSO	
													SBT	

Table 5a: Individual laboratory results for B-cell #626 - Class II

Low resolution														
Center	DRB1		DRB3/4/5		DQA*01		DQB*01		DPA*01		DPB1		METHOD	Other Alleles
725	*08	*14	3*02		*01		*05						SSO	
747	*08	*14	3*02		*01	*01	*05	*05	*01	*02	*02	*05	SSP SSO NGS	
771	*08	*14			*01		*05						RT-PCR	
792	*08	*14	3*02	NP	*01	*01	*05	*05	*01	*02	*02	*05	SSO NGS	
793	*08	*14	3*02		*01		*05		*01	*02			SSP	
794	*08	*14	3*02		*01		*05		*01	*02	*02	*05	SSP SSO NGS	
2847	*08	*14											RT-PCR	
3519	*08	*14	3*02		*01	*01	*05		*01	*02	*02(DP201)	*05	SSO	
5130	*08	*14	3*02	3*02	*01	*01	*05	*05	*01	*02	*02	*05	SSP NGS	
5214	*08	*14	3*02		*01	*01	*05		*01	*02	*02(DP201)	*05	SSO NGS	
5642	*08	*14	3*PRESENT				*05						SSO	
6649	*08	*14					*05	*05					SSP SSO	
8029	*08	*14			*01	*01	*05	*05					SSO	
8038	*08	*14	3*02	NP	*01	*01	*05	*05	*01	*02	*02(DP201)	*05	SSO NGS	
8043	*08	*14	3*02		*01	*01	*05		*01	*02	*02	*05	SSO SBT	
8058	*08	*14	NT	NT	*01		*05	6	NT	NT	NT	NT	SSP SSO NGS	
8068	*08	*14			*01	*01	*05	*05					SSO	
8123	*08	*14	3*02		*01	*01	*05	*05	*01	*02	*02(DP201)	*05	RT-PCR	

Table 5b: Individual laboratory results for B-cell #626 - Class II

High resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
230	*08:03	*14:211	3*02:02		*01:03	*01:04	*05:03	*05:03	*01:03	*02:02	*02:01	*05:01	NGS	
747	*08:03:02	*14:211	3*02:02		*01:03:01	*01:04:01	*05:03:01	*05:03:01	*01:03:01	*02:02:02	*02:01:02	*05:01:01	SSP SSO NGS RT-PCR	DRB5*02:02:01G
762	*08:03	*14:211	3*02:02		*01:03	*01:04	*05:03		*01:03	*02:02	*02:01	*05:01	NGS	
771	*08:03	*14:211					*05:03				*02:01	*05:01	SSO NGS	
792	*08:03	*14:211	3*02:02	NP	*01:03	*01:04	*05:03	*05:03	*01:03	*02:02	*02:01	*05:01	SSO NGS	
794	*08:03:02	*14:211	3*02:02		*01:03:01	*01:04:01	*05:03:01		*01:03:01	*02:02:02	*02:01:02	*05:01:01	SSP SSO NGS RT-PCR	
2344	*08:03:02G	*14:08:01G					*05:03:01G	*05:03:01G			*02:01:02G	*05:01:01G		
2400	*08:03	*14:211	3*02:02	NP	*01:03	*01:04	*05:03	NT	*01:03	*02:02	*02:01:02G	*05:01:01G	SSO NGS	
3135	*08:03	*14:211	3*02:02		*01:03	*01:01P	*05:03P		*01:03	*02:02	*02:01P	*05:01P		
3224	*08:03	*14:211	3*02:02		*01:03	*01:04	*05:03		*01:03	*02:02	*02:01P	*05:01P	NGS	
3511	*08:03	*14:08:01G	3*02:02P	NP	*01:03	*01:04	*05:03		*01:03	*02:02	*02:01	*05:01	NGS	
3519	*08:03	*14:211	3*02:02P		*01:03	*01:04	*05:03				*02:01P	*05:01P	SSP NGS	DRB3*02:02 DPB1*02:01 DPB1*1273:01 DPB1*414:01 DPB1*05:01 DPB1*744:01
3753	*08:03:02	*14:08	3*02:02:01G		*01:03:01	*01:04:01	*05:03:01G		*01:03:01	*02:02:02	*02:01:02G	*05:01:01G	NGS	
3966	*08:03	*14:08	3*02:02				*05:03	*05:03					SSP SSO	
4251	*08:03	*14:211	3*02:02:01G		*01:03	*01:04	*05:03:01G	*05:03:01G	*01:03:01G	*02:02:02G	*02:01:02G	*05:01:01G	NGS	
4337	*08:03	*14:08					*05:03	*05:03			*02:01	*05:01	SSP SBT NGS	
5130	*08:03	*14:211	3*02:02	3*02:02	*01:03	*01:04	*05:03	*05:03	*01:03	*02:02	*02:01:02G	*05:01:01G	SSO NGS RT-PCR	
5133	*08:03:02	*14:211	3*02:02:01		*01:03:01	*01:04:01	*05:03:01		*01:03:01	*02:02:02	*02:01:02	*05:01:01	NGS	
5451	*08:03:02	*14:211	3*02:02P		*01:03:01	*01:04:01	*05:03:01		*01:03:01	*02:02:02	*02:01P	*05:01P	SBT NGS	
5462	*08:03	*14:211	3*02:02	NP	*01:03	*01:04	*05:03		*01:03	*02:02	*02:01P	*05:01P	NGS	DPB1*414:01 DPB1*744:01
5488	*08:03:02	*14:211	3*02:02:01		*01:03:01	*01:04:01	*05:03:01		*01:03:01	*02:02:02	*02:01:02G	*05:01:01G	SSO NGS	DPB1*02:01:02 DPB1*05:01:01 DPB1*414:01:01 DPB1*744:01
5642	*08:03	*14:08					*05:03						SSP SSO	
8001	*08:03	*14:211	3*02:02		*01:03	*01:04	*05:03		*01:03	*02:02	*02:01	*05:01	NGS	
8029	*08:03:02G	*14:08:01G					*05:03:01G	*05:03:01G			*02:01:02G	*05:01:01G	SSO NGS	
8038	*08:03	*14:08	3*02:02:01G	NP	NT	NT	*05:03P	*05:03P	NT	NT	*02:01P	*05:01P	SSO SBT	DRB1*14:211 DPB1*352:01:02 DPB1*744:01 DPB1*414:01:01
8043	*08:03	*14:211	3*02:02:01		*01:03	*01:04	*05:03		*01:03	*02:02	*02:01	*05:01	SSP SSO NGS	
8122	*08:03	*14:211	NP	3*02:02	*01:03	*01:04	*05:03		*01:03	*02:02	*02:01	*05:01	NGS	DPB1*1273:01 DPB1*414:01 DPB1*744:01
8137	*08:03	*14:08	NP	3*02:02	*01:03	*01:04	*05:03	*05:03	*01:03:01G	*02:02:02G	*02:01	*05:01	SBT	

Table 6: Individual laboratory results for B-cell #626 - Class I

Low resolution							High resolution							
Center	HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C		METHOD	Other Alleles
230							*34:01	*34:01	*40:02	*56:01	*01:02	*15:02	NGS	
725	*34		*40(B61)	*56	*01	*15							SSO	
747	*34	*34	*40	*56	*01	*15	*34:01:01	*34:01:01	*40:02:01	*56:01:01	*01:02:01	*15:02:01	SSP SSO NGS	
762							*34:01		*40:02	*56:01	*01:02	*15:02	NGS	
771	*34		*40	*56	*01	*15	*34:01		*40:02	*56:01	*01:02	*15:02	SSO NGS	
792	*34	*34	*40(B61)	*56	*01	*15	*34:01	*34:01	*40:02	*56:01	*01:02	*15:02	SSO NGS	
793	*34		*40(B61)	*56	*01	*15							SSP	
794	*34		*40	*56	*01	*15	*34:01:01		*40:02:01	*56:01:01	*01:02:01	*15:02:01	SSP SSO NGS	
2344							*34:01:01	*34:01:01	*40:02:01	*56:01:01	*01:02:01	*15:02:01	RT-PCR	
2400	*34	NT	*40(B61)	*56			*34:01	NT	*40:02	*56:01	*01:02	*15:02	SSO NGS	
2847	*34		*40	*56	*01	*15							SSO	
3135							*34:01:01G		*40:02P	*56:01P	*01:02P	*15:02P		
3224							*34:01		*40:02	*56:01	*01:02	*15:02	NGS	
3511							*34:01		*40:02	*56:01	*01:02	*15:02	NGS	
3519	*34		*40(B61)	*56	*01	*15	*34:01		*40:02	*56:01	*01:02	*15:02	SSP NGS	
3753							*34:01:01		*40:02:01	*56:01:01	*01:02:01	*15:02:01	NGS	
3966	*34	*34	*40	*56	*01	*15							SSP SSO	
4251							*34:01	*34:01	*40:02	*56:01	*01:02	*15:02	NGS	
4337							*34:01	*34:01	*40:02	*56:01	*01:02	*15:02	SSP SBT NGS	
5130	*34	*34	*40	*56	*01	*15	*34:01	*34:01	*40:02	*56:01	*01:02	*15:02	SSO NGS	
5133							*34:01:01:01		*40:02:01	*56:01:01	*01:02:01	*15:02:01	RT-PCR	
5451							*34:01:01		*40:02:01	*56:01:01	*01:02:01	*15:02:01	NGS	
5214	*34		*40(B61)	*56	*01	*15			*40:02:01	*56:01:01	*01:02:01	*15:02:01	SSP NGS	
5462							*34:01		*40:02	*56:01	*01:02	*15:02	SSO	
5488							*34:01:01		*40:02:01	*56:01:01	*01:02:01	*15:02:01	NGS	
5642	*34		*40(B61)	*56	*01	*15							SSO NGS	
6649	*34	*34	*40(B61)	*56									SSP SSO	
8001							*34:01		*40:02	*56:01	*01:02	*15:02	SSO	
8029	*34	*34	*40	*56	*01	*15	*34:01:01	*34:01:01	*40:02:01	*56:01:01G	*01:02:01	*15:02:01	NGS	
8038	*34		*40(B61)	*56	*01	*15	*34:01		*40:02P	*56:01P	*01:02P	*15:02:01G	SSO NGS	
8043	*34		*40	*56	*01	*15	*34:01		*40:02	*56:01	*01:02	*15:02	SSP SSO NGS	C*15:219 A*34:18
8058														
8068	*34	*34	*40	*56	*01	*15							SSO	
8122							*34:01		*40:02	*56:01	*01:02	*15:02	NGS	
8123	*34	*34	*40(B61)	*56	*01	*15							RT-PCR	
8137							*34:01	*34:01	*40:02	*56:01	*01:02	*15:02	SSO	