

# B-CELL LINE EXCHANGE #287

## MAY 14, 2020

B-cell Lines 573-574

The results for B-cell Line Exchange #287 are summarized in Tables 1 - 2 and individual laboratory results reported for each sample are listed in Tables 3 - 6. We would like to express our appreciation to **Welsh Blood Service, Pontyclun and to HLA Laboratory, Ochsner Health System, New Orleans** for sharing the valuable reference cells examined in this study.

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

**Ter-573.** The consensus type for this cell from a Caucasian donor was DRB1\*03:01-DRB1\*04:01-DRB3\*01:01-DRB4\*01:03-DQA1\*03:03-DQA1\*05:01-DQB1\*02:01-DQB1\*03:01-DPA1\*01:03-DPB1\*04:01-DPB1\*04:02/A\*01:01-A\*68:01-B\*08:19N-B\*40:01-C\*03:04-C\*07:01. One possible association in this cell could be B\*40:01-C\*03:04-DRB1\*04:01-DQB1\*03:01, observed in Caucasians, with HF = 0.00235. The other likely association may then be B\*08:19N-C\*07:01-DRB1\*03:01-DQB1\*02:01.

This sample is 11829109, a reference cell for B\*08:19N. It was previously examined in the class I DNA Extract Exchange as extracts 410 (2008) and 598 (2013). In this present retyping, B\*08:19N was reported by 95%, compared to only 68% of labs assigning it in 2013. Good agreement (90%) was achieved in the allele assignments for all loci.

**Ter-574.** The consensus type for this cell from an African American donor was DRB1\*04:05-DRB1\*14:02-DRB3\*01:01-DRB4\*01:03-DQA1\*03:03-DQA1\*05:03-DQB1\*03:01-DQB1\*03:02-DPA1\*01:03-DPA1\*02:01-DPB1\*01:01-DPB1\*04:02/A\*01:01-A\*02:01-B\*35:04-B\*82:01-C\*03:02-C\*04:01. One likely association present in this cell was B\*82:01-C\*03:02-DRB1\*04:05-DQB1\*03:02, observed in African American populations, with HF = 0.00029. The other likely association present may then be B\*35:04-C\*04:01-DRB1\*14:02-DQB1\*03:01.

This cell was RB22, a reference cell for B\*35:04:01:01, B\*82:01:01:01, and MICA\*043. It has been examined numerous times in the Exchange as extracts 87 (1999), 301 (2004), and 432 (2008), as well as Ter 239 (1999), Ter 266 (2000), Ter 499 (2014), Ter 511 (2015), and Ter 550 (2018). In this present retyping, B\*35:04 and B\*82:01 were each assigned by 100%, with 7 labs reporting B\*35:04:01 and 1 lab reporting B\*82:01:01:01. Allele assignments for all other loci were also reported in good agreement.

**NEXT MAILING DATE: June 24, 2020**

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**Table 1: Summary of the 287<sup>th</sup> B-cell Line Exchange**

**Ter-573**

Ter-573												
<b>DNA Typing - class II</b>	<b>26 labs High; 25 labs low-DRB1</b>	%(n)	<b>16 labs High; 17 labs Low-DRB3/4/5</b>	%(n)	<b>18 labs High; 22 labs Low-DQA1</b>	%(n)	<b>25 labs High; 23 labs Low-DQB1</b>	%(n)	<b>12 labs High; 11 labs Low-DPA1</b>	%(n)	<b>21 labs High; 14 labs Low-DPB1</b>	%(n)
	DRB1*03:01:01:01	4 (1)	DRB3*01:01:02	25(4)	DQA1*03:03:01:01	11(2)	DQB1*02:01:01	24(6)	DPA1*01:03:01:02	8 (1)	DPB1*04:01:01:02	5 (1)
	DRB1*03:01:01	23(6)	DRB3*01:01	75(12)	DQA1*03:03	83(15)	DQB1*02:01:01G	4 (1)	DPA1*01:03:01	17(2)	DPB1*04:01:01	19(4)
	DRB1*03:01:01G	8 (2)	DRB3*01	82(14)	DQA1*03:02	6 (1)	DQB1*02:01	72(18)	DPA1*01:03	75(9)	DPB1*04:01:01G	9 (2)
	DRB1*03:01:01G	4 (1)	DRB3*PRESENT	18(3)	DQA1*03	100(22)	DQB1*02	100(23)	DPA1*01	100(11)	DPB1*04:01P	5 (1)
	DRB1*03:01	61(16)									DPB1*04:01	62(13)
	DRB1*03(DR17)	4 (1)									DPB1*04(DP401)	50(7)
	DRB1*03	96(24)									DPB1*04	50(7)
	<b>26 labs High; 25 labs low-DRB1</b>	%(n)	<b>16 labs High; 17 labs Low-DRB3/4/5</b>	%(n)	<b>18 labs High; 22 labs Low-DQA1</b>	%(n)	<b>25 labs High; 23 labs Low-DQB1</b>	%(n)			<b>21 labs High; 14 labs Low-DPB1</b>	%(n)
	DRB1*04:01:01	31(8)	DRB4*01:03:01	25(4)	DQA1*05:01:01:02	6 (1)	DQB1*03:01:01	20(5)			DPB1*04:02:01	24(5)
	DRB1*04:01:01G	4 (1)	DRB4*01:03	75(12)	DQA1*05:01:01	6 (1)	DQB1*03:01:01G	8 (2)			DPB1*04:02:01G	9(2)
	DRB1*04:01	65(17)	DRB4*01	82(14)	DQA1*05:01	88(16)	DQB1*03:01	72(18)			DPB1*04:02P	5 (1)
	DRB1*04	100(25)	DRB4*PRESENT	18(3)	DQA1*05	100(22)	DQB1*03(DQ7)	4 (1)			DPB1*04:02	62(13)
						DQB1*03	96(22)			DPB1*04(DP402)	50(7)	
										DPB1*04	50(7)	
<b>DNA Typing - class I</b>	<b>19 labs High; 22 labs low- A</b>	%(n)	<b>19 labs High; 22 labs low- B</b>	%(n)	<b>19 labs High; 22 labs low- C</b>	%(n)						
	A*01:01:01:01	11(2)	B*08:19N	95(18)	C*03:04:01:02	5 (1)						
	A*01:01:01	21(4)	B*08:01	5 (1)	C*03:04:01	26(5)						
	A*01:01	68(13)	B*08	100(22)	C*03:04	68(13)						
	A*01	100(22)			C*03(Cw10)	5 (1)						
					C*03	95(21)						
	<b>19 labs High; 22 labs low- A</b>	%(n)	<b>19 labs High; 22 labs low- B</b>	%(n)	<b>19 labs High; 22 labs low- C</b>	%(n)						
	A*68:01:02:02	11(2)	B*40:01:02	32(6)	C*07:01:01:01	5 (1)						
	A*68:01:02	21(4)	B*40:01	68(13)	C*07:01:01	26(5)						
	A*68:01	68(13)	B*40(B60)	5 (1)	C*07:01P	5 (1)						
	A*68	100(22)	B*40	95(21)	C*07:01	63(12)						
					C*07	100(22)						



**Table 3a: Individual laboratory results for B-cell #573 - Class II**

Low resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
278	*03	*04	3*01	4*01	*03	*05	*02	*03	*01	*01	*04	*04	SSP SSO	
725	*03	*04	3*PRESENT	4*PRESENT	*03	*05	*02	*03					SSP SSO	
731	*03	*04	3*01	4*01	*03	*05	*02	*03	*01	*01	*04	*04	SSO SBT RT-PCR	
747	*03	*04	3*PRESENT	4*PRESENT	*03	*05	*02	*03	*01	*01	*04	*04	SSP SSO NGS	
771	*03	*04			*03	*05	*02	*03					SSO NGS	
774	*03	*04	3*01	4*01	*03	*05	*02	*03			*04(DP401)	*04(DP402)	SSP SSO	
792	*03	*04	3*01	4*01	*03	*05	*02	*03	*01	*01	*04	*04	SSO SBT	
793	*03	*04	3*01	4*01	*03	*05	*02	*03			*04(DP401)	*04(DP402)	SSP	
794	*03	*04	3*01	4*01	*03	*05	*02	*03	*01		*04		SSP SSO NGS RT-PCR	
2400	*03	*04	3*01	4*01	*03	*05	*02	*03			*04	*04	SSO NGS	
2847	*03	*04											SSO	
3519	*03	*04			*03	*05	*02	*03	*01	*01	*04(DP401)	*04(DP402)	SSP NGS RT-PCR	
3753	*03	*04	3*01	4*01	*03	*05	*02	*03	*01	*01	*04(DP401)	*04(DP402)		
3966													SSP	
4079	*03	*04	3*01	4*01	*03	*05	*02	*03	*01		*04(DP401)	*04(DP402)	SSO	
4251	*03	*04	3*01	4*01	*03	*05	*02	*03	*01	*01	*04(DP401)	*04(DP402)	SSO RT-PCR	
5130	*03	*04	3*01	4*01	*03	*05	*02	*03			*04	*04	SSO NGS	
5214	*03(DR17)	*04	3*01	4*01	*03	*05	*02	*03(DQ7)	*01		*04(DP401)	*04(DP402)	SSO	
5219	*03	*04			*03	*05	*02	*03					SSO NGS	
5451	*03	*04	3*01	4*01	*03	*05	*02	*03					SSO SBT	
5462	*03	*04	3*01	4*01	*03	*05	*02	*03	*01		NT	NT	RT-PCR	
5642	*03	*04	3*PRESENT	4*PRESENT			*02	*03					SSP	
6649	*03	*04											SSO	
8029	*03	*04			*03	*05	*02	*03					SSO	
8043	*03	*04			*03	*05	*02	*03					SSP SSO	
8068	*03	*04			*03	*05	*02	*03					SSO	

**Table 3b: Individual laboratory results for B-cell #573 - Class II**

High resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
230	*03:01	*04:01	3*01:01	4*01:03	*03:03	*05:01	*02:01	*03:01	*01:03	*01:03	*04:01	*04:02	SSO SBT NGS	
278	*03:01	*04:01	3*01:01	4*01:03	*03:03	*05:01	*02:01	*03:01	*01:03	*01:03	*04:01	*04:02	SSP SSO	
731	*03:01	*04:01:01					*02:01	*03:01					SSO SBT RT-PCR	
747	*03:01:01:01	*04:01:01	3*01:01:02	4*01:03:01	*03:03:01:01	*05:01:01:02	*02:01:01	*03:01:01	*01:03:01:02	*01:03:01	*04:01:01:02	*04:02:01	SSP SSO NGS	DQB1*03:276N DPB1*126:01 DPB1*665:01 DPB1*105:01
762	*03:01	*04:01	3*01:01	4*01:03	*03:03	*05:01	*02:01	*03:01	*01:03		*04:01	*04:02	NGS	DPB1*126:01 DPB1*105:01
771	*03:01	*04:01					*02:01	*03:01					SSO NGS	
774	*03:01	*04:01	3*01:01	4*01:03	*03:03	*05:01	*02:01	*03:01			*04:01	*04:02	SSP SSO	DRB1*03:68N DRB1*03:83 DRB1*03:100 DRB1*03:104 DRB1*03:112 DRB1*04:171 DRB1*04:175 DPB1*126:01 DPB1*105:01
792	*03:01	*04:01					*02:01	*03:01			*04:01	*04:02	SSO SBT	
793					*03:03	*05:01					*04:01	*04:02	SSP	
794	*03:01:01	*04:01:01	3*01:01:02	4*01:03:01	*03:03	*05:01	*02:01:01	*03:01:01	NT	NT	*04:01:01	*04:02:01	SSP SSO NGS RT-PCR	
2344	*03:01:01G	*04:01:01	NT	NT	NT	NT	*02:01:01	*03:01:01	NT	NT	*04:01:01G	*04:02:01G	NGS	
2400	*03:01	*04:01	3*01:01	4*01:03	*03:03	*05:01	*02:01	*03:01			*04:01	*04:02	SSO NGS	DPB1*105:01 DPB1*665:01 DQB1*03:276N DQB1*03:297 DPB1*126:01
3135	*03:01:01	*04:01	3*01:01	4*01:03	*03:02	*05:01	*02:01	*03:01	*01:03	*01:03	*04:01	*04:02		DQA1*03:03
3511	*03:01	*04:01	3*01:01	4*01:03	*03:03	*05:01	*02:01	*03:01	*01:03	*01:03	*04:01	*04:02	SSP SSO	
3519	*03:01P	*04:01	3*01:01	4*01:03	*03:03	*05:01	*02:01	*03:01	*01:03	*01:03	*04:01P	*04:02P	SSP NGS RT-PCR	DPB1*126:01 DRB1*03:147 DPB1*665:01
3966	*03:01	*04:01	3*01:01	4*01:03			*02:01	*03:01					SSP	
4251	*03:01:01G	*04:01:01G	3*01:01	4*01:03	*03:03	*05:01	*02:01:01G	*03:01:01G	*01:03	*01:03	*04:01:01G	*04:02:01G	SSO RT-PCR	
4337	*03:01	*04:01					*02:01	*03:01			*04:01	*04:02	SSP SBT NGS	
5130	*03:01	*04:01	3*01:01	4*01:03	*03:03	*05:01	*02:01	*03:01			*04:01	*04:02	SSO NGS	DPB1*126:01 DPB1*665:01 DRB1*03:147
5133	*03:01:01	*04:01:01	3*01:01:02	4*01:03:01	*03:03:01:01	*05:01:01	*02:01:01	*03:01:01	*01:03:01		*04:01:01	*04:02:01	NGS	DPB1*105:01 DPB1*665:01 DPB1*939:01N DPB1*126:01

**Table 3b: Individual laboratory results for B-cell #573 - Class II**

High resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
5219	*03:01:01	*04:01:01					*02:01:01	*03:01:01			*04:01:01	*04:02:01	SSO NGS	
5451	*03:01:01	*04:01:01											SSO SBT	
5488	*03:01:01	*04:01:01	3*01:01:02	4*01:03:01	*03:03	*05:01	*02:01:01	*03:01:01G	*01:03:01		*04:01:01	*04:02:01	SSP SSO SBT NGS	DRB1*03:147 DRB1*04:274 DPB1*126:01 DPB1*105:01 DPB1*665:01
5642	*03:01	*04:01					*02:01	*03:01					SSP	
8021	*03:01	*04:01	3*01:01	4*01:03	*03:03	*05:01	*02:01	*03:01	*01:03		*04:01	*04:02	SSO NGS	
8043	*03:01	*04:01			*03:03	*05:01	*02:01	*03:01					SSP SSO	
8086	*03:01	*04:01			*03:03	*05:01	*02:01	*03:01	*01:03	*01:03	*04:01	*04:02	SSO SBT	

**Table 4: Individual laboratory results for B-cell #573 - Class I**

Table 4: Individual laboratory results for B-cell #573 - Class I														
Low resolution							High resolution						METHOD	Other Alleles
Center	HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C			
230							*01:01	*68:01	*08:19N	*40:01	*03:04	*07:01	SSO SBT NGS	
278	*01	*68	*08	*40	*03	*07	*01:01	*68:01	*08:19N	*40:01	*03:04	*07:01	SSP SSO	
725	*01	*68	*08	*40	*03	*07							SSP SSO	
731	*01	*68	*08	*40	*03	*07							SSO SBT RT-PCR	
747	*01	*68	*08	*40	*03	*07	*01:01:01:01	*68:01:02:02	*08:19N	*40:01:02	*03:04:01	*07:01:01	SSP SSO NGS	
762													NGS	
771	*01	*68	*08	*40	*03	*07	*01:01	*68:01	*08:19N	*40:01	*03:04	*07:01	SSO NGS	
774	*01	*68	*08	*40	*03	*07							SSP SSO	
792	*01	*68	*08	*40	*03	*07	*01:01	*68:01	*08:19N	*40:01	*03:04	*07:01	SSO SBT	
793	*01	*68	*08	*40	*03	*07							SSP	
794	*01	*68	*08	*40	*03	*07	*01:01:01	*68:01:02	*08:19N	*40:01:02	*03:04:01	*07:01:01	SSP SSO NGS	
2344							*01:01:01	*68:01:02	*08:19N	*40:01:02	*03:04:01	*07:01:01	RT-PCR	
2400	*01	*68	*08	*40	*03	*07	*01:01:01	*68:01:02	*08:19N	*40:01:02	*03:04:01	*07:01:01	NGS	
2847	*01	*68	*08	*40	*03	*07	*01:01	*68:01	*08:19N	*40:01	*03:04	*07:01	SSO NGS	
3135													SSO	
3511							*01:01	*68:01	*08:01	*40:01	*03:04	*07:01P		
3519	*01	*68	*08	*40	*03	*07	*01:01	*68:01	*08:19N	*40:01	*03:04	*07:01	SSP SSO	
3753	*01	*68	*08	*40	*03	*07	*01:01	*68:01	*08:19N	*40:01	*03:04	*07:01	SSP NGS RT-PCR	
3966	*01	*68	*08	*40	*03	*07							SSP	
4079	*01	*68	*08	*40	*03	*07							SSO	
4251	*01	*68	*08	*40	*03	*07	*01:01	*68:01	*08:19N	*40:01	*03:04	*07:01	SSO RT-PCR	
4337							*01:01	*68:01	*08:19N	*40:01	*03:04	*07:01	SSP SBT NGS	
5130	*01	*68	*08	*40	*03	*07	*01:01	*68:01	*08:19N	*40:01	*03:04	*07:01	SSO NGS	
5133							*01:01:01:01	*68:01:02:02	*08:19N	*40:01:02	*03:04:01:02	*07:01:01:01	NGS	
5214	*01	*68	*08	*40(B60)	*03(Cw10)	*07							SSO	
5219	*01	*68	*08	*40	*03	*07	*01:01:01	*68:01:02	*08:19N	*40:01:02	*03:04:01	*07:01:01	SSO NGS	
5451													SSO SBT	
5462	*01	*68	*08	*40	*03	*07							RT-PCR	
5488							*01:01:01	*68:01:02	*08:19N	*40:01:02	*03:04:01	*07:01:01	SSP SSO SBT	
5642													NGS	
6649													SSP	
8021							*01:01	*68:01	*08:19N	*40:01	*03:04	*07:01	SSO	
8029	*01	*68	*08	*40	*03	*07							SSO NGS	
8043													SSO	
8068	*01	*68	*08	*40	*03	*07							SSP SSO	
8086							*01:01	*68:01	*08:19N	*40:01	*03:04	*07:01	SSO	
8086							*01:01	*68:01	*08:19N	*40:01	*03:04	*07:01	SSO SBT	

**Table 5a: Individual laboratory results for B-cell #574 - Class II**

Low resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
278	*04	*14	3*01	4*01	*03	*05	*03	*03	*01	*02	*01	*04	SSP SSO	
725	*04	*14	3*PRESENT	4*PRESENT	*03	*05	*03	*03					SSP SSO	
731	*04	*14	3*01	4*01	*03	*05	*03	*03	*01	*02	*01	*04	SSO SBT RT-PCR	
747	*04	*14	3*PRESENT	4*PRESENT	*03	*05	*03	*03	*01	*02	*01	*04	SSP SSO NGS	
771	*04	*14			*03	*05	*03						SSO NGS	
774	*04	*14	3*01	4*01	*03	*05	*03	*03			*01	*04(DP402)	SSP SSO	
792	*04	*14	3*01	4*01	*03	*05	*03	*03	*01	*02	*01	*04	SSO SBT	
793	*04	*14	3*01	4*01	*03	*05	*03	*03			*01	*04(DP402)	SSP	
													SSP SSO NGS	
794	*04	*14	3*01	4*01	*03	*05	*03		*01	*02	*01	*04	RT-PCR	
2400	*04	*14	3*01	4*01	*03	*05	*03	*03			*01	*04	SSO NGS	
2847	*04	*14											SSO	
3519	*04	*14			*03	*05	*03	*03	*01	*02	*01	*04(DP402)	SSP NGS RT-PCR	
3753	*04	*14	3*01	4*01	*03	*05	*03	*03	*01	*02	*01	*04(DP402)		
3966													SSP	
4079	*04	*14	3*01		*03	*05	*03	*03	*01	*02	*01	*04(DP402)	SSO	
4251	*04	*14	3*01	4*01	*03	*05	*03	*03	*01	*02	*01	*04(DP402)	SSO RT-PCR	
5130	*04	*14	3*01	4*01	*03	*05	*03	*03			*01	*04	SSO NGS	
5214	*04	*14	3*01	4*01	*03	*05	*03(DQ7)	*03(DQ8)	*01	*02	*01	*04(DP402)	SSO	
5219	*04	*14			*03	*05	*03	*03					SSO NGS	
5451	*04	*14	3*01	4*01	*03	*05	*03	*03					SSO SBT	
5462	*04	*14	3*01	4*01	*03	*05	*03	*03	NT	NT	NT	NT	RT-PCR	
5642	*04	*14	3*PRESENT	4*PRESENT			*03	*03					SSP	
6649	*04	*14											SSO	
8029	*04	*14			*03	*05	*03	*03					SSO	
8043	*04	*14			*03	*05	*03	*03					SSP SSO	
8068	*04	*14			*03	*05	*03	*03					SSO	



**Table 5b: Individual laboratory results for B-cell #574 - Class II**

High resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
230	*04:05	*14:02	3*01:01	4*01:03	*03:03	*05:03	*03:01	*03:02	*01:03	*02:01	*01:01	*04:02	SSO SBT NGS	
278	*04:05	*14:02	3*01:01	4*01:03	*03:03	*05:03	*03:01	*03:02	*01:03	*02:01	*01:01	*04:02	SSP SSO	
731	*04:05	*14:02					*03:01	*03:02					SSO SBT RT-PCR	
747	*04:05:01	*14:02:01	3*01:01:02	4*01:03:01	*03:03:01:01	*05:03:01:01	*03:01:01	*03:02:01:01	*01:03:01	*02:01:01:01	*01:01:01	*04:02:01	SSP SSO NGS	DQB1*03:289 DQB1*03:276N
762	*04:05	*14:02	3*01:01	4*01:03	*03:03	*05:03	*03:01	*03:02		*02:01	*01:01	*04:02	NGS	
771	*04:05	*14:02					*03:01	*03:02					SSO NGS	
774	*04:05	*14:02	3*01:01	4*01:03	*03:03	*05:03	*03:01	*03:02			*01:01	*04:02	SSP SSO	DQB1*03:49 DRB1*04:178N DQB1*03:92 DQB1*03:93
792	*04:05	*14:02					*03:01	*03:02			*01:01	*04:02	SSO SBT	
793					*03:03	*05:03					*01:01	*04:02	SSP	
794	*04:05:01	*14:02:01	3*01:01:02	4*01:03:01	*03:03	*05:03	*03:01:01	*03:02:01	NT	NT	*01:01:01	*04:02:01	SSP SSO NGS RT-PCR	
2344	*04:05:01	*14:02:01	NT	NT	NT	NT	*03:01:01	*03:02:01	NT	NT	*01:01:01	*04:02:01	NGS	
2400	*04:05	*14:02	3*01:01	4*01:03	*03:03	*05:03	*03:01	*03:02			*01:01	*04:02	SSO NGS	DQB1*03:276N DQB1*03:297 DQB1*03:289 DQA1*03:03
3135	*04:05:01	*14:02:01	3*01:01	4*01:03	*03:02	*05:03	*03:01	*03:02	*01:03	*02:01	*01:01	*04:02		
3511	*04:05	*14:02	3*01:01	4*01:03	*03:03	*05:03	*03:01	*03:02	*01:03	*02:01	*01:01	*04:02	SSP SSO	
3519	*04:05	*14:02	3*01:01	4*01:03	*03:03	*05:03	*03:01P	*03:02	*01:03	*02:01	*01:01	*04:02	SSP NGS RT-PCR	
3966	*04:05	*14:02	3*01:01	4*01:03			*03:01	*03:02					SSP	
4251	*04:05	*14:02	3*01:01	4*01:03	*03:03	*05:03	*03:01:01G	*03:02:01G	*01:03	*02:01	*01:01	*04:02	SSO RT-PCR	
4337	*04:05	*14:02					*03:01	*03:02			*01:01	*04:02	SSP SBT NGS	
5130	*04:05	*14:02	3*01:01	4*01:03	*03:03	*05:03	*03:01	*03:02			*01:01	*04:02	SSO NGS	
5133	*04:05:01	*14:02:01	3*01:01:02	4*01:03:01	*03:03:01:01	*05:03:01	*03:01:01	*03:02:01:01	*01:03:01	*02:01:01	*01:01:01	*04:02:01	NGS	
5219	*04:05:01	*14:02:01					*03:01:01	*03:02:01			*01:01:01	*04:02:01	SSO NGS	
5451	*04:05:01	*14:02:01											SSO SBT	
5488	*04:05:01	*14:02:01	3*01:01:02	4*01:03:01	*03:03:01	*05:03:01	*03:01:01G	*03:02:01	*01:03:01	*02:01:01	*01:01:01	*04:02:01	SSP SSO SBT NGS	
5642	*04:05	*14:02					*03:01	*03:02					SSP	
8021	*04:05	*14:02	3*01:01	4*01:03	*03:03	*05:03	*03:01	*03:02	*01:03	*02:01	*01:01	*04:02	SSO NGS	
8043	*04:05	*14:02			*03:03	*05:03	*03:01	*03:02					SSP SSO	
8086	*04:05	*14:02			*03:03	*05:03	*03:01	*03:02	*01:03	*02:01	*01:01	*04:02	SSO SBT	

**Table 6: Individual laboratory results for B-cell #574 - Class I**

Low resolution							High resolution						METHOD	Other Alleles
Center	HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C			
230							*01:01	*02:01	*35:04	*82:01	*03:02	*04:01	SSO SBT NGS	
278	*01	*02	*35	*82	*03	*04	*01:01	*02:01	*35:04	*82:01	*03:02	*04:01	SSP SSO	
725	*01	*02	*35	*82	*03	*04							SSP SSO	
731	*01	*02	*35	*82	*03	*04							SSO SBT RT-PCR	
747	*01	*02	*35	*82	*03	*04	*01:01:01	*02:01:01:01	*35:04:01	*82:01	*03:02:02	*04:01:01	SSP SSO NGS	
762													NGS	
771	*01	*02	*35	*82	*03	*04	*01:01	*02:01	*35:04	*82:01	*03:02	*04:01	SSO NGS	
774	*01	*02	*35	*82	*03	*04							SSP SSO	
792	*01	*02	*35	*82	*03	*04	*01:01	*02:01	*35:04	*82:01	*03:02	*04:01	SSO SBT	A*02:01:01:02L
793	*01	*02	*35	*82	*03	*04							SSP	
794	*01	*02	*35	*82	*03	*04	*01:01:01	*02:01:01	*35:04:01	*82:01	*03:02:02	*04:01:01	SSP SSO NGS	
2344							*01:01:01	*02:01:01	*35:04:01	*82:01	*03:02:02	*04:01:01	NGS	
2400	*01	*02	*35	*82	*03	*04	*01:01	*02:01	*35:04	*82:01	*03:02	*04:01	SSO NGS	
2847	*01	*02	*35	*82	*03	*04							SSO	
3135							*01:01	*02:01P	*35:04:01	*82:01	*03:02	*04:01P		
3511							*01:01	*02:01	*35:04	*82:01	*03:02	*04:01	SSP SSO	
3519	*01	*02	*35	*82	*03	*04	*01:01	*02:01	*35:04	*82:01	*03:02	*04:01	SSP NGS RT-PCR	
3753	*01	*02	*35	*82	*03	*04								
3966	*01	*02	*35	*82	*03	*04							SSP	
4079	*01	*02	*35	*82	*03	*04							SSO	
4251	*01	*02	*35	*82	*03	*04	*01:01	*02:01	*35:04	*82:01	*03:02	*04:01	SSO RT-PCR	
4337							*01:01	*02:01	*35:04	*82:01	*03:02	*04:01	SSP SBT NGS	
5130	*01	*02	*35	*82	*03	*04	*01:01	*02:01	*35:04	*82:01	*03:02	*04:01	SSO NGS	
5133							*01:01:01:11	*02:01:01	*35:04:01	*82:01:01:01	*03:02:02:05	*04:01:01	NGS	
5214	*01	*02	*35	*82	*03(Cw10)	*04							SSO	
5219	*01	*02	*35	*82	*03	*04	*01:01:01	*02:01:01	*35:04:01	*82:01	*03:02:02	*04:01:01	SSO NGS	
5451													SSO SBT	
5462	*01	*02	*35	*82	*03	*04							RT-PCR	
5488							*01:01:01	*02:01:01	*35:04:01	*82:01	*03:02:02	*04:01:01	SSP SSO SBT NGS	
5642													SSP	
6649													SSO	
8021							*01:01	*02:01	*35:04	*82:01	*03:02	*04:01	SSO NGS	
8029	*01	*02	*35	*82	*03	*04							SSO	
8043													SSP SSO	
8068	*01	*02	*35	*82	*03	*04							SSO	
8086							*01:01	*02:01	*35:04	*82:01	*03:02	*04:01	SSO SBT	