

B-CELL LINE EXCHANGE #283

B-cell Lines 565-566

SEPTEMBER 9, 2019

The results for B-cell Line Exchange #283 are summarized in Tables 1 - 2 and individual laboratory results reported for each sample are listed in Tables 3 - 6. The reference cells examined in this study were generously donated by **Welsh Blood Service, Pontyclun**. 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. The haplotype frequencies used in this report are from the NMDP Bioinformatics website, <https://bioinformatics.bethematchclinical.org/>.

Ter-565. The consensus type for this cell from a Caucasian donor was DRB1*13:01-DRB1*13:02-DRB3*01:01-DRB3*03:01-DQA1*01:02-DQA1*01:03-DQB1*06:03-DQB1*06:04-DPA1*01:03-DPB1*02:01-DPB1*03:01/A*02:01-A*68:01-B*40:38-B*51:01-C*03:04-C*14:02. One possible association present was A*02:01-B*51:01-DRB1*13:01-DQB1*06:03, observed in Caucasians, with HF = 0.00340. The other likely association present may then be A*68:01-B*40:38-DRB1*13:02-DQB1*06:04.

This cell was 45305, one of the reference cells for B*40:38. It was previously examined for class I in the Extract Exchange as extract 470 (2009). In this present retyping, B*40:38 was reported by 91% of labs, reporting at high resolution. B*40:01 was assigned by 2 labs. B*40:38 differs from B*40:01:01 in exon 3 by a single nucleotide substitution at codon 116 (TAC → TCC), which results in amino acid substitution from tyrosine to serine. B*51:01 (100%) was reported as the second B-locus type, with 8 labs assigning B*51:01:01. Two subtypes of DRB1*13 and DQB1*06 were present in this cell. DRB1*13:01 and DRB1*13:02 were each assigned by 100%, with 9 labs reporting DRB1*13:01:01 and DRB1*13:02:01. DQB1*06:03 and DQB1*06:04 were also assigned in complete consensus, with 6 labs reporting DQB1*06:03:01 and DQB1*06:04:01.

Ter-566. The consensus type for this cell from a donor of unknown ethnicity was DRB1*01:01-DRB1*04:01-DRB4*01:03-DQA1*01:01-DQA1*03-DQB1*03:01-DQB1*05:01-DPA1*01:03-DPB1*04:01-DPB1*04:02/A*01:01-A*26:08-B*15:01-C*03:03-C*04:01. One possible haplotype present in this cell was A*01:01-B*15:01-DRB1*01:01-DQB1*05:01, observed in Caucasians, with HF = 0.00037. The other likely association present may then be A*26:08-B*15:01-C*04:01-DRB1*04:01-DQB1*03:01. The association of A*26:08-B*15:01-C*04:01 was observed exclusively in Hispanics, with HF = 0.00025.

This cell was previously examined in the Extract Exchange as extract 454 (2009). In this present retyping, A*26:08 was reported by 100% of labs reporting at high resolution, with 3 labs assigning A*26:08:01. A*01:01 (100%) was well assigned as the second A-locus type, with 8 labs reporting A*01:01:01. The reported DRB1 types were DRB1*01:01 (100%) and DRB1*04:01 (100%), with 9 labs reporting DRB1*01:01:01 and 11 labs reporting DRB1*04:01:01. DQA1*01:01 was reported by 96% of labs. No consensus was achieved for the second DQA1 type, as 18 labs assigned DQA1*03:03, 2 labs assigned DQA1*03:01, 1 lab assigned DQA1*03:01:01G, and 1 lab reported DQA1*01:03.

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Table 3a: Individual laboratory results for B-cell #565 - Class II

Low resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
278	*13	*13	3*01	3*03	*01	*01	*06	*06	*01	*01	*02	*03		
725	*13		3*PRESENT		*01		*06						SSP SSO	
731	*13	*13			*01	*01	*06	*06					SSP SSO SBT	
735	*13	*13	3*01	3*03	*01	*01	*06	*06	*01	*01	*02(DP201)	*03	SSP SSO SBT	
747	*13	*13	3*PRESENT	3*PRESENT	*01	*01	*06	*06	*01	*01	*02	*03	SSP SSO NGS	
771	*13	*13			*01	*01	*06	*06					SSP SSO	
774	*13	*13	3*01	3*03	*01	*01	*06	*06			*02(DP201)	*03	SSP SSO	
792	*13	*13	3*01	3*03	*01	*01	*06	*06	*01	*01	*02	*03	SSO SBT	
793	*13		3*01	3*03	*01	*01	*06				*02(DP201)	*03	SSP	
794	*13		3*01	3*03	*01		*06		*01		*02	*03	SSP SSO NGS	
2400	*13	*13	3*01	3*03	*01	*01	*06	*06			*02	*03	RT-PCR	
2847	*13	*13											SSO SBT	
3519	*13				*01		*06		*01		*02(DP201)	*03	SSO	
3632	*13	*13	3*01	3*03	*01	*01	*06	*06	*01		*02	*03	SSP NGS RT-PCR	
3753			3*01	3*03	*01	*01			*01	*01			SSP SSO	
4079	*13	*13	3*01	3*03	*01	*01	*06	*06	*01		*02(DP201)	*03	SSO SBT	
4251	*13	*13	3*01	3*03	*01	*01	*06	*06	*01	*01	*02(DP201)	*03	SSP SSO NGS	
4492	*13		3*PRESENT	3*PRESENT	*01		*06		*01		*02	*03	SSO NGS	
5130	*13	*13	3*01	3*03	*01	*01	*06	*06			*02	*03	BioLinkage	
5214	*13	*13	3*01	3*03	*01	*01	*06	*06	*01	*01	*02(DP201)	*03	SSO NGS	
5219	*13	*13					*06	*06					SSO	
5451	*13	*13	3*01	3*03	*01	*01	*06	*06					SSO NGS	
5462	*13	*13	3*01	3*03	*01	*01	*06	*06	*01		NT	NT	SSO SBT	
5488			3*01	3*03									SSO RT-PCR	
5642	*13	*13	3*PRESENT				*06	*06					SSO SBT NGS	
6649	*13												SSO	
8001	*13	*13	3*01	3*03	*01		*06	*06					SSP SSO	
8029	*13	*13			*01	*01	*06	*06					SSO	
8043	*13	*13			*01	*01	*06	*06					SSP SSO	
8068	*13	*13			*01	*01	*06	*06					SSO	

Table 3b: Individual laboratory results for B-cell #565 - Class II

High resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
230	*13:01	*13:02					*06:03	*06:04			*02:01	*03:01	SSO SBT	
278	*13:01	*13:02	3*01:01	3*03:01	*01:02	*01:03	*06:03	*06:04	*01:03	*01:03	*02:01	*03:01		
731	*13:01:01G	*13:02:01G					*06:03:01G	*06:04:01G					SSP SSO SBT	
735	*13:01	*13:02	3*01:01P	3*03:01P	01:02P	*01:03	*06:03	*06:04	*01:03P	*01:03P	*02:01	*03:01	SSP SSO SBT	
747	*13:01:01	*13:02:01	3*01:01:02	3*01:01	*01:02	*01:03	*06:03:01	*06:04:01	*01:03:01:01	*01:03:01:03	*02:01:02	*03:01:01	SSP SSO NGS	DQB1*06:39 DQB1*06:41 DPB1*124:01 DPB1*414:01
762	*13:01:01	*13:02:01	3*01:01:02	3*03:01:01	*01:02:01	*01:03:01:02	*06:03:01	*06:04:01	*01:03:01:01	*01:03:01:03	*02:01:02	*03:01:01	NGS	DQB1*06:39 DQB1*06:41
771	*13:01	*13:02					*06:03	*06:04					SSP SSO	
774	*13:01	*13:02	3*01:01	3*03:01	*01:02	*01:03	*06:03	*06:04			*02:01	*03:01	SSP SSO	DRB1*13:166 DRB1*13:185N DRB1*13:186 DRB1*13:173 DRB1*13:183 DRB1*13:184
792	*13:01	*13:02					*06:03	*06:04			*02:01	*03:01	SSO SBT	
793					*01:02	*01:03					*02:01	*03:01	SSP	
794	*13:01:01	*13:02:01	3*01:01:02	3*03:01:01	*01:02	*01:03	*06:03:01	*06:04:01	NT	NT	*02:01:02	*03:01:01	SSP SSO NGS RT-PCR	
2344	*13:01:01	*13:02:01					*06:03:01G	*06:04:01G			*02:01:02G	*03:01:01G	NGS	
2400	*13:01	*13:02			*01:02	*01:03	*06:03	*06:04			*02:01:02G	*03:01P	SSO SBT	DQB1*06:41 DQB1*06:39
3135	*13:01	*13:02	3*01:01	3*03:01	*01:02	*01:03	*06:03	*06:04	*01:03	*01:03	*02:01	*03:01		
3224	*13:01	*13:02	3*01:01	3*03:01	*01:02	*01:03	*06:03	*06:04	*01:03	*01:03	*02:01	*03:01	NGS	
3511	*13:01	*13:02	3*01:01	3*03:01	*01:02	*01:03	*06:03	*06:04	*01:03	*01:03	*02:01	*03:01	SSP SSO	
3519	*13:01	*13:02	3*01:01	3*03:01	*01:02	*01:03	*06:03	*06:04	*01:03	*01:03	*02:01	*03:01	SSP NGS RT-PCR	
3632	*13:01	*13:02	3*01:01	3*03:01	*01:02	*01:03	*06:03	*06:04	*01:03		*02:01P	*03:01P	SSP SSO	
3753	*13:01	*13:02					*06:03	*06:04			*02:01	*03:01	SSO SBT	DQB1*06:07 DQB1*06:27 DQB1*06:08 DQB1*06:21 DQB1*06:32 DQB1*06:39 DQB1*06:41 DQB1*06:92 DQB1*06:230 DQB1*06:280 DQB1*06:283
3966	*13:01	*13:02	3*01:01	3*03:01			*06:03	*06:04					SSP	
4079	*13:01	*13:02	3*01:01	3*03:01	*01:02	*01:03	*06:03	*06:04	*01:03		*02:01	*03:01	SSP SSO NGS	
4251	*13:01	*13:02	3*01:01	3*03:01	*01:02	*01:03	*06:03	*06:04	*01:03	*01:03	*02:01	*03:01	SSO NGS	
4337	*13:01	*13:02					*06:03	*06:04			*02:01	*03:01	SSP SBT NGS	

Table 3b: Individual laboratory results for B-cell #565 - Class II

High resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
4492	*13:01:01	*13:02:01	3*01:01:02G	3*03:01P	*01:02:01	*01:03:01	*06:03	*06:04	*01:03:01	*01:03:01	*02:01:02	*03:01:01	SSP SSO NGS BioLinkage	
5130	*13:01	*13:02	3*01:01	3*03:01	*01:02	*01:03	*06:03	*06:04			*02:01	*03:01	SSO NGS	DRB3*01:06 DQB1*06:39 DQB1*06:41
5133	*13:01:01	*13:02:01:02	3*01:01:02	3*03:01:01	*01:02:01	*01:03:01	*06:03:01:01	*06:04:01	*01:03:01:01	*01:03:01:03	*02:01:02:22	*03:01:01	NGS	
5219	*13:01:01	*13:02:01					*06:03:01	*06:04:01			*02:01:02	*03:01:01	SSO NGS	
5451	*13:01:01	*13:02:01											SSO SBT	
5488	*13:01:01	*13:02:01			*01:02:01	*01:03:01	*06:03:01	*06:04:01	*01:03:01		*02:01:02	*03:01:01	SSO SBT NGS	DQB1*06:39 DQB1*06:41
5642	*13:01	*13:02					*06:03	*06:04						
8001	*13:01	*13:02	3*01:01	3*03:01			*06:03	*06:04			*02:01	*03:01:01G	SSP SSO	
8021	*13:01	*13:02	3*01:01	3*03:01	*01:02	*01:03	*06:03	*06:04	*01:03		*02:01	*03:01	SSO NGS	
8029													SSO	
8043	*13:01	*13:02			*01:02	*01:03	*06:03	*06:04					SSP SSO	
8086	*13:01	*13:02			*01:02	*01:03	*06:03	*06:04	*01:03	*01:03	*02:01	*03:01	SSO SBT	

Table 4: Individual laboratory results for B-cell #565 - Class I

Low resolution							High resolution						METHOD	Other Alleles
Center	HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C			
230							*02:01	*68:01	*40:01	*51:01	*03:04	*14:02	SSO SBT	
278	*02	*68	*40	*51	*03	*14	*02:01	*68:01	*40:38	*51:01	*03:04	*14:02		
725	*02	*68	*40	*51	*03	*14							SSP SSO	
735	*02	*68	*40	*51	*03	*14	*02:01P	*68:01P	*40:38	*51:01P	*03:04P	*14:02	SSP SSO SBT	
747	*02	*68	*40	*51	*03	*14	*02:01:01:01	*68:01:02:02	*40:38	*51:01:01:01	*03:04:01:01	*14:02:01:01	SSP SSO NGS	A*02:614 A*68:164
774	*02	*68	*40	*51	*03	*14							SSP SSO	
792	*02	*68	*40	*51	*03	*14	*02:01	*68:01	*40:38	*51:01	*03:04	*14:02	SSO SBT	A*02:01:01:02L
793	*02	*68	*40	*51	*03	*14							SSP	
794	*02	*68	*40	*51	*03	*14	*02:01:01	*68:01:02	*40:38	*51:01:01	*03:04:01	*14:02:01	SSP SSO NGS	
2344							*02:01:01	*68:01:02	*40:38	*51:01:01	*03:04:01	*14:02:01	RT-PCR	
2400	*02	*68	*40	*51	*03	*14	*02:01	*68:01	*40:38	*51:01	*03:04	*14:02	NGS	
2847	*02	*68	*40	*51	*03	*14							SSO SBT	A*02:614 A*68:164
3135							*02:01P	*68:01P	*40:38	*51:01P	*03:04	*14:02	SSO	
3224							*02:01:01	*68:01:02	*40:38	*51:01:01	*03:04	*14:02:01	NGS	
3511							*02:01	*68:01	*40:38	*51:01	*03:04	*14:02	SSP SSO	
3519	*02	*68	*40	*51	*03	*14	*02:01	*68:01	*40:38	*51:01	*03:04	*14:02	SSP NGS	
													RT-PCR	A*68:104 A*02:217 A*02:614 A*68:164 C*03:279 A*02:245 A*02:246 A*02:234 A*68:03 A*68:05 A*68:75 A*68:08 A*68:23 A*68:105 A*68:152 B*40:07 A*02:22 A*02:34 A*02:04 A*02:35 A*68:83 C*14:06 C*14:20 C*14:55 B*40:01 B*40:222 B*40:38 B*40:353 B*51:01 B*51:63 B*51:193 B*51:230 B*51:232 C*03:28 C*03:92 B*51:24 B*51:237 B*51:251
3753			*40	*51			*02:01	*68:01			*03:04	*14:02	SSO SBT	
3966	*02	*68	*40	*51	*03	*14							SSP	
4079	*02	*68	*40	*51	*03	*14	*02:01	*68:01	*40:38	*51:01	*03:04	*14:02	SSP SSO NGS	
4251	*02	*68	*40	*51	*03	*14	*02:01	*68:01	*40:38	*51:01	*03:04	*14:02	SSO NGS	
4337							*02:01	*68:01	*40:38	*51:01	*03:04	*14:02	SSP SBT NGS	
4492	*02	*68	*40	*51	*03	*14	*02:01:01	*68:01:02	*40:38	*51:01:01	*03:04:01	*14:02:01	SSP SSO NGS	
5130	*02	*68	*40	*51	*03	*14	*02:01	*68:01	*40:38	*51:01	*03:04	*14:02	BioLinkage	
5133							*02:01:01:01	*68:01:02:02	*40:38	*51:01:01	*03:04:01:01	*14:02:01	SSO NGS	
5214	*02	*68	*40	*51	*03	*14							NGS	
5219	*02	*68	(B60)	*51	(Cw10)	*14							SSO	
5219	*02	*68	*40	*51	*03	*14	*02:01:01	*68:01:02	*40:38	*51:01:01	*03:04:01	*14:02:01	SSO	
5462	*02	*68	*40	*51	*03	*14							SSO NGS	
5488							*02:01:01	*68:01:02	*40:38	*51:01:01	*03:04:01	*14:02:01	SSO RT-PCR	
													SSO SBT NGS	

Table 4: Individual laboratory results for B-cell #565 - Class I

Low resolution							High resolution							
Center	HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C		METHOD	Other Alleles
8021							*02:01	*68:01	*40:01	*51:01	*03:04	*14:02	SSO NGS	
8029	*02	*68	*40	*51	*03	*14							SSO	
8068	*02	*68	*40	*51	*03	*14							SSO	
8086							*02:01	*68:01	*40:38	*51:01	*03:04	*14:02	SSO SBT	

Table 5a: Individual laboratory results for B-cell #566 - Class II

Low resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
278	*01	*04	NT	4*01	*01	*01	*03	*05	*01	*01	*04	*04		
725	*01	*04	4*PRESENT		*01	*03	*03	*05					SSP SSO	
731	*01	*04			*01	*03	*03	*05					SSP SSO SBT	
735	*01	*04	4*01		*01	*03	*03	*05	*01	*01	*04(DP401)	*04(DP402)	SSP SSO SBT	
747	*01	*04	4*PRESENT		*01	*03	*03	*05	*01	*01	*04	*04	SSP SSO NGS	
771	*01	*04			*01	*03	*03	*05					SSP SSO	
774	*01	*04	4*01		*01	*03	*03	*05			*04(DP401)	*04(DP402)	SSP SSO	
792	*01	*04	4*01		*01	*03	*03	*05	*01	*01	*04(DP401)	*04(DP402)	SSO SBT	
793	*01	*04	4*01		*01	*03	*03	*05			*04(DP401)	*04(DP402)	SSP	
794	*01	*04	4*01	NP	*01	*03	*03	*05	*01		*04		SSP SSO NGS RT-PCR	
2400	*01	*04	4*01	NP	*01	*03	*03	*05			*04	*04	SSO SBT	
2847	*01	*04											SSO	
3519	*01	*04			*01	*03	*03	*05	*01		*04(DP401)	*04(DP402)	SSP NGS RT-PCR	
3632	*01	*04	4*01		*01	*03	*03	*05	*01		*04	*04	SSP SSO	
3753			4*01	NP	*01	*03			*01	*01			SSO SBT	
4079	*01	*04	4*01		*01	*03	*03	*05	*01		*04(DP401)	*04(DP402)	SSP SSO NGS	
4251	*01	*04	4*01		*01	*03	*03	*05	*01	*01	*04(DP401)	*04(DP402)	SSO NGS	
4492	*01	*04	4*PRESENT		*01	*03	*03	*05	*01		*04(DP401)	*04(DP402)	SSP SSO NGS BioLinkage	
5130	*01	*04	4*01		*01	*03	*03	*05			*04	*04	SSO NGS	
5214	*01	*04	4*01		*01	*03	*03 (DQ7)	*05	*01	*01	*04(DP401)	*04(DP402)	SSO	
5219	*01	*04					*03	*05					SSO NGS	
5451	*01	*04	4*01		*01	*03	*03	*05					SSO SBT	
5462	*01	*04		4*01	*01	*03	*03	*05	*01		NT	NT	SSO RT-PCR	
5488													SSO SBT NGS	
5642	*01	*04	4*PRESENT				*03	*05						
6649	*01	*04											SSO	
8001	*01	*04	4*01		*01	*03	*03	*05					SSP SSO	
8029	*01	*04			*01	*03	*03	*05					SSO	
8043	*01	*04			*01	*03	*03	*05					SSP SSO	
8068	*01	*04			*01	*03	*03	*05					SSO	

Table 5b: Individual laboratory results for B-cell #566 - Class II

High resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
230	*01:01	*04:01					*03:01	*05:01			*04:01	*04:02	SSO SBT	
278	*01:01	*04:01	4*01:03	NT	*01:03	*01:03	*03:01	*05:01	*01:03	*01:03	*04:01	*04:02		DPB1*105:01 DPB1*126:01
731	*01:01	*04:01:01					*03:01	*05:01					SSP SSO SBT	
735	*01:01P	*04:01	4*01:01P		*01:01	*03:03	*03:01P	*05:01P	*01:03P	*01:03P	*04:01:01G	*04:02P	SSP SSO SBT	
747	*01:01:01	*04:01:01	4*01:03:01		*01:01	*03:01	*03:01:01:01	*05:01:01:03	*01:03:01:02	*01:03:01:05	*04:01:01:01	*04:02:01	SSP SSO NGS	DPB1*126:01 DPB1*105:01
762	*01:01:01	*04:01:01	4*01:03:01		*01:01:01:01	*03:03:01:01	*03:01:01:01	*05:01:01:03	*01:03:01:02	*01:03:01:05	*04:01:01	*04:02:01	NGS	DPB1*126:01 DPB1*105:01
771	*01:01	*04:01					*03:01	*05:01					SSP SSO	
774	*01:01	*04:01	4*01:03		*01:01	*03:03	*03:01	*05:01			*04:01	*04:02	SSP SSO	DRB1*01:50 DRB1*01:62N DRB1*01:64 DRB1*01:67 DRB1*04:171 DRB1*04:175
792	*01:01	*04:01					*03:01	*05:01			*04:01	*04:02	SSO SBT	DPB1*126:01 DPB1*105:01
793					*01:01	*03:03					*04:01:01G	*04:02:01G	SSP	
794	*01:01:01	*04:01:01	4*01:03:01	NP	*01:01	*03:03	*03:01:01	*05:01:01	NT	NT	*04:01:01	*04:02:01	SSP SSO NGS RT-PCR	
2344	*01:01:01	*04:01:01					*03:01:01G	*05:01:01G			*04:01:01G	*04:02:01G	NGS	
2400	*01:01	*04:01			*01:01	*03:03	*03:01	*05:01			*04:01P	*04:02P	SSO SBT	
3135	*01:01	*04:01	4*01:03		*01:01:01G	*03:01:01G	*03:01	*05:01	*01:03	*01:03	*04:01	*04:02		
3224	*01:01:01	*04:01:01	4*01:03		*01:01	*03:03	*03:01	*05:01	*01:03		*04:01:01G	*04:02:01G	NGS	
3511	*01:01	*04:01	4*01:03		*01:01	*03:03	*03:01	*05:01	*01:03	*01:03	*04:01	*04:02	SSP SSO	
3519	*01:01	*04:01	4*01:03		*01:01	*03:03	*03:01	*05:01	*01:03	*01:03	*04:01P	*04:02P	SSP NGS RT-PCR	DPB1*126:01 DPB1*665:01
3632	*01:01	*04:01	4*01:03		*01:01	*03:03	*03:01	*05:01	*01:03		*04:01P	*04:02P	SSP SSO	
3753	*01:01	*04:01					*03:01	*05:01			*04:01:01G	*04:02:01G	SSO SBT	DRB1*01:08 DRB1*01:10 DRB1*04:08 DRB1*04:21 DQB1*03:10 DQB1*03:29 DQB1*03:256 DQB1*03:264+ DQB1*05:18 DQB1*03:73 DQB1*05:11 DQB1*05:63 DPB1*23:01 DPB1*51:01 DPB1*138:01 DPB1*190:01 DPB1*642:01+
3966	*01:01	*04:01	4*01:03				*03:01	*05:01					SSP	
4079	*01:01	*04:01	4*01:03		*01:01	*03:03	*03:01	*05:01	*01:03		*04:01	*04:02	SSP SSO NGS	
4251	*01:01	*04:01	4*01:03		*01:01	*03:03	*03:01:01G	*05:01	*01:03:01G	*01:03:01G	*04:01:01G	*04:02:01G	SSO NGS	
4337	*01:01	*04:01					*03:01	*05:01			*04:01	*04:02	SSP SBT NGS	

Table 5b: Individual laboratory results for B-cell #566 - Class II

High resolution														
Center	DRB1		DRB3/4/5		DQA1		DQB1		DPA1		DPB1		METHOD	Other Alleles
4492	*01:01	*04:01:01	4*01:03:01		*01:01:01	*03:03:01	*03:01	*05:01:01	*01:03:01	*01:03:01	*04:01:01	*04:02:01	SSP SSO NGS BioLinkage	DQB1*03:276N DQB1*03:292 DQB1*03:293 DQB1*03:294
5130	*01:01	*04:01	4*01:03		*01:01	*03:03	*03:01	*05:01			*04:01	*04:02	SSO NGS	DPB1*126:01 DPB1*665:01
5133	*01:01:01	*04:01:01:03	4*01:03:01		*01:01:01	*03:03:01:01	*03:01:01	*05:01:01	*01:03:01:02	*01:03:01:05	*04:01:01	*04:02:01	NGS	DPB1*126:01 DPB1*665:01
5219	*01:01:01	*04:01:01					*03:01:01	*05:01:01			*04:01:01	*04:02:01	SSO NGS	
5451	*01:01:01	*04:01:01											SSO SBT	
5488	*01:01:01	*04:01:01	4*01:03:01		*01:01:01	*03:03:01	*03:01:01	*05:01:01	*01:03:01		*04:01:01	*04:02:01	SSO SBT NGS	DQB1*03:276N DPB1*105:01 DPB1*126:01 DPB1*665:01
5642	*01:01	*04:01					*03:01	*05:01						
8001	*01:01	*04:01	4*01:03				*03:01	*05:01			*04:01	*04:02	SSP SSO	
8021	*01:01	*04:01	4*01:03		*01:01	*03:01	*03:01	*05:01	*01:03		*04:01	*04:02	SSO NGS	
8029													SSO	
8043	*01:01	*04:01			*01:01	*03:03	*03:01	*05:01					SSP SSO	
8086	*01:01	*04:01			*01:01	*03:03	*03:01	*05:01	*01:03	*01:03	*04:01	*04:02	SSO SBT	

Table 6: Individual laboratory results for B-cell #566 - Class I

Table 6: Individual laboratory results for B-cell #566 - Class I														
Low resolution							High resolution							
Center	HLA-A		HLA-B		HLA-C		HLA-A		HLA-B		HLA-C		METHOD	Other Alleles
230							*01:01	*26:08	*15:01	*15:01	*03:03	*04:01	SSO SBT	
278	*01	*26	*15	*15	*03	*04	*01:01	*26:08	*15:01	*15:01	*03:03	*04:01		
725	*01	*26	*15		*03	*04							SSP SSO	
735	*01	*26	*15	*15	*03	*04	*01:01P	*26:08	*15:01P	*15:01P	*03:03P	*04:01P	SSP SSO SBT	
747	*01	*26	*15	*15	*03	*04	*01:01:01:01	*26:08	*15:01:01:01	*15:01:01	*03:03:01:01	*04:01:01	SSP SSO NGS	
774	*01	*26	*15		*03	*04		*26:08					SSP SSO	A*26:08
792	*01	*26	*15	*15	*03	*04	*01:01	*26:08	*15:01	*15:01	*03:03	*04:01	SSO SBT	
793	*01	*26	*15	*15	*03	*04							SSP	
													SSP SSO NGS	
794	*01	*26	*15		*03	*04	*01:01:01	*26:08:01	*15:01:01		*03:03:01	*04:01:01	RT-PCR	
2344							*01:01:01	*26:08	*15:01:01	*15:01:01	*03:03:01	*04:01:01	NGS	
2400	*01	*26	*15	*15	*03	*04	*01:01	*26:08	*15:01	*15:01	*03:03	*04:01	SSO SBT	
2847	*01	*26	*15		*03	*04							SSO	
3135							*01:01	*26:08	*15:01	*15:01	*03:03	*04:01:01G		
3224							*01:01:01	*26:08	*15:01:01		*03:03	*04:01	NGS	
3511							*01:01	*26:08	*15:01	*15:01	*03:03	*04:01	SSP SSO	
3519	*01	*26	*15		*03	*04	*01:01	*26:08	*15:01		*03:03	*04:01	SSP NGS RT-PCR	
														A*01:11N A*01:248Q A*01:251 A*01:252 A*01:280 C*03:04 C*03:13 C*03:49 C*03:55 C*03:69 C*03:151 C*04:04 C*04:29 C*04:52 C*04:55 C*04:110 C*04:10 C*03:276 C*04:08 C*04:15 B*15:456 B*15:457 C*03:268 C*03:297 C*04:201 B*15:465
3753							*01:01	*26:08	*15:01	*15:01	*03:03	*04:01	SSO SBT	
3966	*01	*26	*15	*15	*03	*04							SSP	
4079	*01	*26	*15		*03	*04	*01:01	*26:08	*15:01		*03:03	*04:01	SSP SSO NGS	
4251	*01	*26	*15	*15	*03	*04	*01:01	*26:08	*15:01	*15:01	*03:03	*04:01	SSO NGS	
4337							*01:01	*26:08	*15:01	*15:01	*03:03	*04:01	SSP SBT NGS	
													SSP SSO NGS	
4492	*01	*26	*15		*03	*04	*01:01:01:01	*26:08:01	*15:01:01	*15:01:01	*03:03:01	*04:01:01	BioLinkage	
5130	*01	*26	*15	*15	*03	*04	*01:01	*26:08	*15:01	*15:01	*03:03	*04:01	SSO NGS	
5133							*01:01:01	*26:08:01	*15:01:01		*03:03:01	*04:01:01:06	NGS	
			*15		*03									
5214	*01	*26	(B62)	*15	(Cw9)	*04							SSO	
5219	*01	*26	*15	*15	*03	*04	*01:01:01	*26:08	*15:01:01	*15:01:01	*03:03:01	*04:01:01	SSO NGS	
5462	*01	*26	*15		*03	*04							SSO RT-PCR	
5488							*01:01:01	*26:08	*15:01:01		*03:03:01	*04:01:01	SSO SBT NGS	
8021							*01:01	*26:08	*15:01		*03:03	*04:01	SSO NGS	
8029	*01	*26	*15	*15	*03	*04							SSO	
8068	*01	*26	*15	*15	*03	*04							SSO	
8086							*01:01	*26:08	*15:01	*15:01	*03:03	*04:01	SSO SBT	