

Supplementary Table 1. Assessment scores for each laboratory for the testing

	Case 1					Interpretat A2
	Genotype				Deduction	
	A1	B1	C1	D1		
Lab 1	0	1	0	0.2	1.2	0
Lab 2	0	1	0	0.2	1.2	0
Lab 3	0	1	0	0.2	1.2	0
Lab 4	0	1	0	0.2	1.2	0
Lab 5	0	1	0	0.2	1.2	0
Lab 6	0	1	0	0.2	1.2	0
Lab 7	2	0	0	0	2	0
Lab 8	0	1	0	0.2	1.2	0
Lab 9	0	1	0	0.2	1.2	0
Lab 10	0	0	0	0	0	0

Points deduction	Legend	Comments
2	A1	Critical genotyping error
1	B1	Complete HLA allele sequence not determined
0.2	C1	Zygoty status not reported
0.2	D1	Correct HLA nomenclature not used
2	A2	Critical interpretation error
1.5	B2	No clinical interpretation provided
1	C2	No comment on negative result to exclude CD
0.5	D2	No comment on HLA typing used in isolation
0.5	E2	No comment on identified genotype and CD susceptibility
0.2	F2	No references provided
1.5	A3	No statement about assay used provided
0.5	B3	Limitations/sensitivity of assay used not provided

of five CD cases.

tion							Methodology			
	B2	C2	D2	E2	F2	Deduction	A3	B3	Deduction	
	0	0	0	0	0	0.2	0.2	0	0.5	0.5
	0	0	0.5	0.5	0.5	0.2	1.2	1.5	0	1.5
	1.5	0	0	0	0	0	1.5	0	0.5	0.5
	0	1	0.5	0.5	0	0	2	0	0.5	0.5
	1.5	0	0	0	0	0	1.5	1.5	0	1.5
	1.5	0	0	0	0	0	1.5	0	0.5	0.5
	1.5	0	0	0	0	0	1.5	0	0.5	0.5
	1.5	0	0	0	0	0	1.5	0	0.5	0.5
	0	0	0.5	0.5	0.5	0.2	1.2	0	0.5	0.5
	0	0	0	0	0	0.2	0.2	0	0.5	0.5

E2	F2	Deduction	Methodology			Case 3			C1
			A3	B3	Deduction	A1	B1	Genotype	
0	0.2	0.2	0	0	0.5	0.5	0	1	0.2
0.5	0.2	1.2	1.5	0	0	1.5	0	1	0.2
0	0	1.5	0	0	0.5	0.5	0	1	0.2
0.5	0.2	1.2	0	0	0.5	0.5	0	1	0.2
0	0	1.5	1.5	0	0	1.5	0	1	0.2
0	0	0.5	0	0	0.5	0.5	0	1	0.2
0	0	1.5	0	0	0.5	0.5	0	1	0.2
0	0	1.5	0	0	0.5	0.5	0	1	0.2
0	0.2	0.7	0	0	0.5	0.5	0	1	0
0	0.2	0.2	0	0	0.5	0.5	0	0	0

D1	Deduction		Interpretation					Deduction		
			A2	B2	C2	D2	E2	F2		
0.2	1.4		0	0	0	0	0	0	0.2	0.2
0.2	1.4		0	0	0	0	0.5	0.5	0.2	1.2
0.2	1.4		0	1.5	0	0	0	0	0	1.5
0.2	1.4		0	0	0	0	0.5	0.5	0.2	1.2
0.2	1.4		0	1.5	0	0	0	0	0	1.5
0.2	1.4		0	0	0	0	0.5	0.5	0	1
0.2	1.4		0	1.5	0	0	0	0	0	1.5
0.2	1.4		0	1.5	0	0	0	0	0	1.5
0.2	1.2		0	0	0	0	0.5	0	0.2	0.7
0	0		0	0	0	0	0	0	0.2	0.2

Case 4

Methodology			Genotype						Interpretat
A3	B3	Deduction	A1	B1	C1	D1	Deduction	A2	
0	0.5	0.5	0	1	0.2	0.2	1.4	0	
1.5	0	1.5	0	1	0.2	0.2	1.4	0	
0	0.5	0.5	0	0	0.2	0.2	0.4	0	
0	0.5	0.5	0	1	0.2	0.2	1.4	0	
1.5	0	1.5	0	1	0.2	0.2	1.4	0	
0	0.5	0.5	0	1	0.2	0.2	1.4	0	
0	0.5	0.5	0	1	0.2	0.2	1.4	0	
0	0.5	0.5	0	1	0.2	0.2	1.4	0	
0	0.5	0.5	0	1	0	0.2	1.2	0	
0	0.5	0.5	0	0	0	0	0	0	

tion							Methodology		
B2	C2	D2	E2	F2	Deduction		A3	B3	Deduction
	0	0	0	0	0.2	0.2	0	0.5	0.5
	0	0	0.5	0.5	0.2	1.2	1.5	0	1.5
	1.5	0	0	0	0	1.5	0	0.5	0.5
	0	0	0.5	0.5	0.2	1.2	0	0.5	0.5
	1.5	0	0	0	0	1.5	1.5	0	1.5
	1.5	0	0	0	0	1.5	0	0.5	0.5
	1.5	0	0	0	0	1.5	0	0.5	0.5
	1.5	0	0	0	0	1.5	0	0.5	0.5
	0	0	0.5	0	0.2	0.7	0	0.5	0.5
	0	0	0	0	0.2	0.2	0	0.5	0.5

E2	F2	Deduction	Methodology		Deduction
			A3	B3	
0	0.2	0.2	0	0.5	0.5
0.5	0.2	1.2	1.5	0	1.5
0	0	1.5	0	0.5	0.5
0.5	0.2	1.2	0	0.5	0.5
0	0	1.5	1.5	0	1.5
0	0	0.5	0	0.5	0.5
0	0	1.5	0	0.5	0.5
0	0	1.5	0	0.5	0.5
0	0.2	0.7	0	0.5	0.5
0	0.2	0.2	0	0.5	0.5