

Supplementary Table 1. Comparison of carrier and allele frequencies of HLA subtypes between SJS/TEN patients developing SOCs and normal controls

A. HLA-A association with SJS/TEN with SOCs

HLA-A	Carrier frequency					Allele frequency				
	Case	Control	p-value		Odds ratio (95% CI)	Case	Control	p-value		Odds ratio (95% CI)
			Fisher	Bonferroni correction				Fisher	Bonferroni correction	
A*02:01	7.7% (2/26)	23.5% (23/98)	0.100			3.9% (2/52)	11.8% (23/196)	0.121		
A*02:03	26.9% (7/26)	15.3% (15/98)	0.245			15.4% (8/52)	8.2% (16/196)	0.121		
A*02:06	7.7% (2/26)	5.1% (5/98)	0.636			3.9% (2/52)	3.1% (6/196)	0.675		
A*02:07	26.9% (6/26)	10.2% (10/98)	<b>0.049</b>	0.487	<b>3.24</b> <b>(1.09-9.60)</b>	17.3% (9/52)	5.1% (10/196)	<b>0.007</b>	0.068	<b>3.89</b> <b>(1.49- 10.16)</b>
A*11:01	34.6% (9/26)	55.1% (54/98)	0.079			21.2% (11/52)	31.6% (62/196)	0.172		
A*11:02	0.0% (0/26)	12.2% (12/98)	0.069			0.0% (0/52)	6.1% (12/196)	0.077		
A*24:02	23.1% (6/26)	27.6% (27/98)	0.804			13.5% (7/52)	14.8% (29/196)	1.000		
A*30:01	3.9% (1/26)	6.1% (6/98)	1.000			1.9% (1/52)	3.1% (6/196)	1.000		
A*33:03	34.6% (9/26)	24.5% (24/98)	0.324			21.2% (11/52)	12.8% (25/196)	0.182		
Others	3.9% (1/26)	7.1% (7/98)	1.000			1.9% (1/52)	3.6% (7/196)	1.000		

**B. HLA-B association with SJS/TEN with SOCs**

HLA-B	Carrier frequency					Allele frequency				
	Case	Control	p-value		Odds ratio (95% CI)	Case	Control	p-value		Odds ratio (95% CI)
			Fisher	Bonferroni correction				Fisher	Bonferroni correction	
B*13:01	3.9% (1/26)	15.3% (15/98)	0.189			1.9% (1/52)	7.7% (15/196)	0.205		
B*13:02	3.9% (1/26)	6.1% (6/98)	1.000			1.9% (1/52)	3.1% (6/196)	1.000		
B*15:01	7.7% (2/26)	11.2% (11/98)	1.000			5.77% (3/52)	6.1% (12/196)	1.000		
B*15:02	15.4% (4/26)	9.2% (9/98)	0.469			7.7% (4/52)	4.6% (9/196)	0.481		
B*38:02	11.5% (3/26)	11.2% (11/98)	1.000			5.77% (3/52)	5.6% (11/196)	1.000		
B*39:01	0.0% (0/26)	7.1% (7/98)	0.343			0.0% (0/52)	3.6% (7/196)	0.351		
B*40:01	34.6% (9/26)	33.7% (33/98)	1.000			19.2% (10/52)	18.9% (37/196)	1.000		
B*46:01	30.8% (8/26)	19.4% (19/98)	0.284			19.2% (10/52)	10.2% (20/196)	0.093		
B*51:01	0.0% (0/26)	8.2% (8/98)	0.202			0.0% (0/52)	4.6% (9/196)	0.211		
B*52:01	3.9% (1/26)	6.1% (6/98)	1.000			1.9% (1/52)	3.1% (6/196)	1.000		
B*55:02	3.9% (1/26)	7.1% (7/98)	1.000			1.9% (1/52)	3.6% (7/196)	1.000		
B*58:01	38.5% (10/26)	29.6% (29/98)	0.477			21.2% (11/52)	15.3% (30/196)	0.302		
Others	26.9% (7/26)	26.5% (26/98)	1.000			13.5% (7/52)	13.8% (27/196)	1.000		

## C. HLA-C association with SJS/TEN with SOCs

HLA-C	Carrier frequency					Allele frequency				
	Case	Control	p-value		Odds ratio (95% CI)	Case	Control	p-value		Odds ratio (95% CI)
			Fisher	Bonferroni correction				Fisher	Bonferroni correction	
C*01:02	26.9% (7/26)	26.5% (26/98)	1.000			17.3% (8/52)	14.8% (27/196)	0.661		
C*03:02	38.5% (10/26)	29.6% (29/98)	0.477			23.1% (12/52)	15.3% (30/196)	0.212		
C*03:03	3.6% (1/26)	8.2% (8/98)	0.683			1.9% (1/52)	4.1% (8/196)	0.689		
C*03:04	15.4% (4/26)	27.6% (27/98)	0.308			9.62% (5/52)	15.3% (30/196)	0.374		
C*04:01	15.4% (4/26)	13.3% (13/98)	0.754			9.62% (5/52)	7.7% (15/196)	0.579		
C*06:02	3.9% (1/26)	7.1% (7/98)	1.000			1.9% (1/52)	3.6% (7/196)	1.000		
C*07:02	26.9% (7/26)	27.6% (27/98)	1.000			17.3% (8/52)	14.8% (28/196)	0.667		
C*08:01	19.2% (5/26)	14.3% (14/98)	0.546			9.62% (5/52)	7.1% (14/196)	0.560		
C*12:02	7.7% (2/26)	10.2% (10/98)	1.000			3.9% (2/52)	5.1% (10/196)	1.000		
C*14:02	0.0% (0/26)	7.1% (7/98)	0.343			0.0% (0/52)	3.6% (6/196)	0.351		
C*15:02	11.5% (3/26)	8.2% (8/98)	0.698			5.77% (3/52)	4.1% (8/196)	0.704		
Others	0.0% (0/26)	9.2% (9/98)	0.202			0.0% (0/52)	5.1% (10/196)	0.127		

Supplementary Table 2. Comparison of carrier and allele frequencies of HLA subtypes between CM-induced SJS/TEN patients developing SOCs and normal controls

## A. HLA-A association with CM-SJS/TEN with SOCs

HLA-A	Carrier frequency					Allele frequency				
	Case	Control	p-value		Odds ratio (95% CI)	Case	Control	p-value		Odds ratio (95% CI)
			Fisher	Bonferroni correction				Fisher	Bonferroni correction	
A*02:01	7.7% (1/13)	23.5% (23/98)	0.292			3.8% (1/26)	11.8% (23/196)	0.324		
A*02:03	15.4% (2/13)	15.3% (15/98)	1.000			7.7% (2/26)	8.2% (16/196)	1.000		
A*02:06	7.7% (1/13)	5.1% (5/98)	0.535			3.8% (1/26)	3.1% (6/196)	0.587		
A*02:07	38.5% (5/13)	10.2% (10/98)	<b>0.016</b>	0.155	<b>5.56</b> <b>(1.52-20.00)</b>	26.9% (7/26)	5.1% (10/196)	<b>0.001</b>	<b>0.012</b>	<b>6.67</b> <b>(2.33- 20.00)</b>
A*11:01	30.8% (4/13)	55.1% (54/98)	0.140			23.1% (6/26)	31.6% (62/196)	0.498		
A*11:02	0.0% (0/13)	12.2% (12/98)	0.354			0.0% (0/26)	6.1% (12/196)	0.369		
A*24:02	15.4% (2/13)	27.6% (27/98)	0.508			11.5% (3/26)	14.8% (29/196)	1.000		
A*30:01	7.7% (1/13)	6.1% (6/98)	0.593			3.8% (1/26)	3.1% (6/196)	0.587		
A*33:03	38.5% (5/13)	24.5% (24/98)	0.319			19.2% (5/26)	12.8% (25/196)	0.363		
Others	0.0% (0/13)	7.1% (7/98)	1.000			0.0% (0/26)	3.6% (7/196)	1.000		

## B. HLA-B association with CM-SJS/TEN with SOCs

HLA-B	Carrier frequency					Allele frequency				
	Case	Control	p-value		Odds ratio (95% CI)	Case	Control	p-value		Odds ratio (95% CI)
			Fisher	Bonferroni correction				Fisher	Bonferroni correction	
B*13:01	0.0% (0/13)	15.3% (15/98)	0.209			0.0% (0/26)	7.7% (15/196)	0.227		
B*13:02	3.9% (1/13)	6.1% (6/98)	0.593			3.8% (1/26)	3.1% (6/196)	0.587		
B*15:01	7.7% (2/13)	11.2% (11/98)	0.648			11.5% (3/26)	6.1% (12/196)	0.394		
B*15:02	15.4% (0/13)	9.2% (9/98)	0.595			0.0% (0/26)	4.6% (9/196)	0.603		
B*38:02	11.54% (1/13)	11.2% (11/98)	1.000			3.8% (1/26)	5.6% (11/196)	1.000		
B*39:01	0.00% (0/13)	7.1% (7/98)	1.000			0.0% (0/26)	3.6% (7/196)	1.000		
B*40:01	34.62% (2/13)	33.7% (33/98)	0.222			7.7% (2/26)	18.9% (37/196)	0.269		
B*46:01	30.77% (6/13)	19.4% (19/98)	0.070			30.8% (8/26)	10.2% (20/196)	<b>0.008</b>	0.076	<b>3.85</b> <b>(1.52-10.00)</b>
B*51:01	0.00% (0/13)	8.2% (8/98)	0.593			0.0% (0/26)	4.6% (9/196)	0.603		
B*52:01	3.9% (1/13)	6.1% (6/98)	0.593			3.8% (1/26)	3.1% (6/196)	0.587		
B*55:02	3.9% (0/13)	7.1% (7/98)	1.000			0.0% (0/26)	3.6% (7/196)	1.000		
B*58:01	38.5% (6/13)	29.6% (29/98)	0.340			23.1% (6/26)	15.3% (30/196)	0.393		
Others	26.9% (4/13)	26.5% (26/98)	0.746			15.4% (4/26)	13.8% (27/196)	0.767		

## C. HLA-C association with CM-SJS/TEN with SOCs

HLA-C	Carrier frequency					Allele frequency				
	Case	Control	p-value		Odds ratio (95% CI)	Case	Control	p-value		Odds ratio (95% CI)
			Fisher	Bonferroni correction				Fisher	Bonferroni correction	
C*01:02	26.9% (5/13)	26.5% (26/98)	0.511			26.9% (7/26)	14.8% (27/196)	0.146		
C*03:02	38.5% (6/13)	29.6% (29/98)	0.340			23.1% (6/26)	15.3% (30/196)	0.393		
C*03:03	3.58% (1/13)	8.2% (8/98)	1.000			3.8% (1/26)	4.1% (8/196)	1.000		
C*03:04	15.4% (1/13)	27.6% (27/98)	0.178			3.8% (1/26)	15.3% (30/196)	0.140		
C*04:01	15.4% (3/13)	13.27% (13/98)	0.397			15.4% (4/26)	7.7% (15/196)	0.251		
C*06:02	3.9% (1/13)	7.1% (7/98)	1.000			3.8% (1/26)	3.6% (7/196)	1.000		
C*07:02	26.9% (2/13)	27.6% (27/98)	0.508			11.5% (3/26)	14.8% (28/196)	1.000		
C*08:01	19.23% (1/13)	14.29% (14/98)	1.000			3.8% (1/26)	7.1% (14/196)	1.000		
C*12:02	7.7% (1/13)	10.2% (10/98)	1.000			3.8% (1/26)	5.1% (10/196)	1.000		
C*14:02	0.00% (0/13)	7.1% (7/98)	1.000			0.0% (0/26)	3.6% (6/196)	1.000		
C*15:02	11.54% (1/13)	8.2% (8/98)	1.000			3.8% (1/26)	4.1% (8/196)	1.000		
Others	0.00% (0/13)	9.2% (9/98)	0.595			0.0% (0/26)	5.1% (10/196)	0.611		