

**Supplementary Table 3: Calculation of an allele dosage of HLA-DQB1 and -DRB1 alleles positively or negatively associated with anti-TSST-1 IgGt antibodies.**

HLA*DQB1		HLA*DRB1		allele dosage <sup>1</sup>	N
▽	▽	▽	▽	-4	6
▽	▽	▽	∅ <sup>2</sup>	-3	3
▽	∅	▽	∅	-2	136
▽	∅	∅	∅	-1	24
∅	∅	▽	∅	-1	4
∅	∅	∅	∅	0	421
∅	△	∅	∅	1	117
∅	∅	∅	△	1	2
∅	△	∅	△	2	148
△	△	∅	∅	2	8
∅	△	△	△	3	1
△	△	∅	△	3	22
△	△	△	△	4	21
▽	△	▽	∅	-1	22
▽	△	▽	△	0	30
▽	△	∅	∅	0	6
∅	△	▽	∅	0	1
▽	△	∅	△	1	4

<sup>1</sup> The allele dosage of positively (blue triangle, pointing upwards) and negatively (red triangle, pointing downwards) associated HLA alleles was determined by assigning positively associated alleles the arbitrary value of 1 (DQB1\*02:01, DRB1\*03:01) and negatively associated alleles the value of -1 (DQB1\*05:01, DRB1\*01:01), and calculating the sum of these values. Allele dosage groups with case numbers  $\leq 20$  (marked in gray) were excluded from the correlation analysis in Fig. 6.

<sup>2</sup> ∅ depicts any non-associated HLA allele