

Enhanced CD8⁺ T-cell response in mice immunized with NS1-truncated influenza virus

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Supplement

Table 2S. Cellular polyfunctionality index and the integrated IFN γ MFI of influenza-specific CD8⁺ EM T-lymphocytes on the 8th day after the i.p. immunization with A/PR8/full NS and A/PR8/NS124 strains

PI	Group	NP ₃₆₆₋₃₇₄	NP ₁₆₁₋₁₇₅	NP ₁₉₆₋₂₁₀	HA ₄₇₄₋₄₈₃	HA ₃₂₃₋₃₃₇	NA ₄₂₇₋₄₃₃
		full NS	11.0 ± 0.1	5.6 ± 1.4	6.1 ± 1.6	5.3 ± 1.4	5.0 ± 1.2
	NS124	19.6 ± 4.1	7.4 ± 1.1	8.4 ± 1.2	7.5 ± 0.6	6.2 ± 0.2	8.0 ± 0.5
p-value		0.007	0.098	0.05	0.04	0.15	0.14
IFN γ ⁺ IL2 ⁻ TNF α ⁺ iMFI (x1000)	full NS	17.9 ± 3.3	6.3 ± 1.5	6.2 ± 2.3	4.5 ± 0.8	5.8 ± 2.4	5.8 ± 1.9
	NS124	32.5 ± 10.6	6.6 ± 1.6	8.3 ± 1.9	7.3 ± 1.7	9.0 ± 2.9	8.6 ± 2.8
p-value		0.03	0.1	0.76	0.43	0.36	0.45
IFN γ ⁺ IL2 ⁺ TNF α ⁺ iMFI (x1000)	full NS	42.8 ± 3.5	13.9 ± 5.2	17.9 ± 5.9	15.0 ± 5.8	14.7 ± 5.2	20.9 ± 7.7
	NS124	79.8 ± 13.9	24.5 ± 5.2	27.0 ± 3.6	20.6 ± 1.9	26.6 ± 2.9	26.9 ± 2.9
p-value		0.32	0.01	0.02	0.005	0.004	0.91

p-value was determined in the Student's t-test

Table 3S. Cellular polyfunctionality index and the integrated IFN γ MFI of influenza-specific CD8⁺ EM T-lymphocytes on the 21st day after the i.p. immunization with A/PR8/full NS and A/PR8/NS124 strains

PI	Group	NP ₃₆₆₋₃₇₄	NA ₄₂₇₋₄₃₃
		full NS	7.7 ± 1.2
	NS124	11.6 ± 1.1	8.8 ± 1.8
p-value		0.003	0.01
IFN γ ⁺ IL2 ⁻ TNF α ⁺ iMFI (x1000)	full NS	25.5 ± 15.8	19.6 ± 8.7
	NS124	40.6 ± 14.0	35.7 ± 4.8
p-value		0.20	0.01
IFN γ ⁺ IL2 ⁺ TNF α ⁺ iMFI (x1000)	full NS	39.6 ± 10.6	22.4 ± 3.8
	NS124	66.2 ± 10.5	45.4 ± 16
p-value		0.01	0.03

p-value was determined in the Student's t-test