

**Supplementary Table 3.** List of 25 severe adverse events

Category	Severe adverse event
Central nervous disorders	Bell's palsy
	Ischemia stroke
	Hemorrhagic stroke
	Encephalitis/Myelitis/Encephalomyelitis
	Cerebral venous sinus thrombosis
	Convulsion/Seizures
	Guillain–Barré syndrome
	Transverse myelitis
	Acute disseminated encephalomyelitis
	Narcolepsy/cataplexy
Respiratory disorders	Pulmonary embolism
	Acute respiratory distress syndrome (ARDS)
Cardiac disorders	Acute myocardial infarction
	Myocarditis/pericarditis
Gastrointestinal disorders	Appendicitis
Hematologic disorders	Anemia
	Lymphadenopathy
	Lymphopenia
	Neutropenia
	Other thrombosis
	Thrombocytopenia
	Deep vein thrombosis
Others	Anaphylaxis
	Multisystem inflammatory syndrome in children/adults
	Death