

**Supplemental Table 1.** Polymorphism profile of the case isolate in comparison to vaccine Oka, parental Oka (clade 2, subtype 1), clade 1 (representative strain Dumas), clade 3 (representative strain Webster), clade 4 (strain DR), clade 5 (strain CA123), and provisional clade VI (Spain M4). The single nucleotide polymorphism (SNP) positions are based on the reference sequence for Dumas strain (GenBank #9625875).

		Open Reading Frame	38	54	62	
		Position	69348	95241	106262	107252
Clade	2	Case Isolate	G	C	C	C
	2	Oka vaccine	G	C	C	C
	2	Parental Oka	G	T	T	T
	1	Dumas	A	T	T	T
	3	Webster	A	T	T	T
	4	DR	A	C	T	T
	5	CA123	A	C	T	T
	VI	Spain M4	A	T	T	T

**Supplemental Table 2.** Immunological Findings\*.

		<b>Normal values</b>
Total T lymphocytes (CD3 <sup>+</sup> )	2354/ $\mu$ L (10.9%)	500-4400/ $\mu$ L (11-51.1%)
TCR $\alpha^+/\beta^+$	91.6%	>85%
TCR $\gamma^+/\delta^+$	7.9%	0.5-6%
CD4 <sup>+</sup>	770/ $\mu$ L	700-2200/ $\mu$ L
Recent thymic emigrant T cells (CD31 <sup>+</sup> /CD45RA <sup>+</sup> )	50.7%	59.3-74.8%
Naive T cells (CD45RA <sup>+</sup> )	77.4%	9.5-41.9%
Memory T cells (CD45RO <sup>+</sup> )	21.7%	16.5-42.2%
Regulatory T cells (FOXP3 <sup>+</sup> )	5.7%	
IL-17 <sup>+</sup>	1.4%	>0.3%
IFN- $\gamma^+$	9.6%	>5.3%
CD8 <sup>+</sup>	214/ $\mu$ L	490-1300/ $\mu$ L
Response to mitogens	Reduced to PHA and ConA; normal to PWM	
Response to antigens	Reduced to tetanus; normal to Candida	
NK cells (CD16 <sup>+</sup> /CD56 <sup>+</sup> )	167/ $\mu$ L	130-720/ $\mu$ L
B lymphocytes (CD19 <sup>+</sup> )	1090/ $\mu$ L	390-1400/ $\mu$ L
IgG (serum)	625 mg/dL	528-2190 mg/dL
IgM (serum)	86 mg/dL	48-226 mg/dL
IgA (serum)	71 mg/dL	41-297 mg/dL
IgE (serum)	320 IU/mL	0-56 IU/mL
Antibodies to tetanus	4.41 IU/mL	0.1-13.1 IU/mL
Antibodies to diphtheria	0.26 IU/mL	>0.01 IU/mL
Antibodies to Haemophilus influenzae B	<0.11 $\mu$ g/mL	0.05-7.00 $\mu$ g/mL
Antibodies to Streptococcus pneumoniae antigens	To 5 of 12 antigens >200 ng antibody nitrogen/mL serum	>200 ng antibody nitrogen/mL serum
Varicella Zoster IgG	2.94	>1.09 ISR
Isohemagglutinins (ABO Group A)		
Anti-B titer IgG	32	
Anti-B titer IgM	32	

\*Studies were carried out while on prednisolone 1-2 mg/kg for several months. AM cortisol levels at the time of testing were undetectable.

VZV: Varicella Zoster virus; CNS: central nervous system; TCR: T cell receptor; WBC: white blood cells; PHA: phytohemagglutinin; ConA: Concanavalin A; PWM: pokeweed mitogen.