

Adverse Event (AE)	Severity Grade				Participants (n = 10)	%
	Mild (no. AEs)	Moderate (no. AEs)	Severe (no. AEs)	Very severe (no. AEs)		
Not related to p24CE/IL-12, p24CE&p55/IL-12, MVA, Lefitolimod, VRC07-523LS or 10-1074¹						
Elevated blood pressure	19	0	0	0	6	60
Elevated ALT	10	1	0	0	5	50
Myalgia	10	3	0	0	5	50
Sore throat	8	1	0	0	5	50
Headache	7	3	0	0	5	50
Diarrhea	5	1	0	0	5	50
Elevated AST	4	1	0	0	5	50
Acute COVID	3	4	0	0	5	50
Non-specific viral infection	3	5	0	0	5	50
Elevated total bilirubin	19	0	0	0	4	40
Fatigue	7	0	0	0	4	40
Malaise	3	1	0	0	4	40
Nausea	3	1	0	0	4	40
Fever	3	2	0	0	3	30
Night sweats	3	2	0	0	3	30
Cough	2	2	0	0	3	30
Environmental allergies	2	1	0	0	3	30
Chills	6	0	0	0	2	20
Cervical lymphadenopathy	3	0	0	0	2	20
Elevated glucose	2	0	0	0	2	20
Indigestion	2	0	0	0	2	20
Injection site pain	2	0	0	0	2	20
Abdominal pain	1	1	0	0	2	20
Arthralgia	1	1	0	0	2	20
Back pain	1	1	0	0	2	20
Elevated potassium	1	1	0	0	2	20
Herpes simplex 1 lesion	1	2	0	0	2	20
Knee pain	1	1	0	0	2	20
Low glucose	1	2	0	0	2	20
Gonorrhea	0	2	0	0	2	20
Non-specific gastroenteritis	0	2	0	0	2	20
Syphilis	0	2	0	0	2	20
Tinea	0	3	0	0	2	20
Rash	3	0	0	0	1	10
Perianal tenderness	2	0	0	0	1	10
Vomiting	2	0	0	0	1	10
Abdominal hernia	1	0	0	0	1	10
Acid reflux	1	0	0	0	1	10
Anger	1	1	0	0	1	10
Arthritis	1	0	0	0	1	10
Bunion	1	0	0	0	1	10
Congestion	1	0	0	0	1	10
Low calcium	1	0	0	0	1	10
Depression	1	1	0	0	1	10
Dry cough	1	0	0	0	1	10
Dry skin	1	0	0	0	1	10
Foul smelling urine	1	0	0	0	1	10
Insertion site swelling	1	0	0	0	1	10
Itching	1	0	0	0	1	10
Loss of smell	1	0	0	0	1	10
Low phosphate	1	0	0	0	1	10
Non-specific viral syndrome	1	0	0	0	1	10
Right upper quadrant pain	1	0	0	0	1	10
Runny nose	1	0	0	0	1	10
Seasonal allergies	1	0	0	0	1	10
Skin lesion on left knee	1	0	0	0	1	10
Sneezing	1	0	0	0	1	10
Sore deltoid	1	0	0	0	1	10
Stomach pains	1	0	0	0	1	10
Stye	1	0	0	0	1	10
Subclinical hypothyroidism	1	0	0	0	1	10
Swollen tastebud	1	0	0	0	1	10
Swollen tongue	1	0	0	0	1	10
Tendonitis	1	0	0	0	1	10
Acne	0	1	0	0	1	10
Anal warts	0	1	0	0	1	10

¹ Not related or probably not related

Table S1. Non-intervention-related adverse events.