

Supplemental material:

Table S1

Detection and titration of OPV-specific antibodies in vole sera taken at 21 dpi (intranasal inoculation)

CPXV strain	Antibody titers (No. of positive/total no. of tested voles)*				
	20	40	80	160	320
Brighton Red	4/4	4/4	4/4	3/4	0/4
FIN_MAN_2000	6/6	6/6	5/6	5/6	1/6
RatPox09	4/5	2/5	1/5	1/5	0/5
Ger 91/3	4/6	4/6	0/6	0/6	0/6
Ger/2007/Vole	1/5	0/5	0/5	0/5	0/5
FM2292	4/5	3/5	3/5	1/5	0/5
Ger/2010/Cat	2/3	2/3	2/3	1/3	0/3

*Antibody titers of ≥ 40 were considered positive.

Table S2

Antibody titers in bank voles inoculated with CPXV via different routes and in contact animals at 14 dpi

CPXV RatPox09		Antibody titers (no. of positive/total no. of animals tested)*				
		20	40	80	160	320
Subcutaneous	Inoculated	4/6	3/6	2/6	1/6	1/6
	Contact animals	0/1	0/1	0/1	0/1	0/1
Intranasal	Inoculated	5/6	5/6	5/6	5/6	5/6
	Contact animals	1/2	1/2	1/2	1/2	1/2

*Antibody titers of ≥ 40 were considered positive.

Table S3

Antibody titers in 4-weeks old bank voles from Western and Carpathian lineage inoculated with CPXV RatPox09 at 14 dpi

Intranasal inoculation with CPXV RatPox09		Antibody titers (no. of positive/total no. of animals tested)*	
		20	80
Western lineage	Inoculated	5/5	1/5
	Contact animals	0/3	0/3
Carpathian lineage	Inoculated	6/6	1/6
	Contact animals	0/3	0/3

*Antibody titers of ≥ 40 were considered positive.

Table S4

Antibody titers in bank voles inoculated via the footpad method with either CPXV RatPox09 or CPXV FM2292 (28 dpi)

Footpad inoculation		Antibody titers (no. of positive/total no. of voles tested)*				
		20	40	80	160	320
CPXV RatPox09	Inoculated	11/12	8/12	6/12	4/12	1/12
	Contact animals	0/4	0/4	0/4	0/4	0/4
CPXV FM2292	Inoculated	11/12	11/12	10/12	7/12	1/12
	Contact animals	1/6	1/6	1/6	1/6	1/6

*Antibody titers of ≥ 40 were considered positive.

Table S5

Antibody titers of bank voles repeatedly inoculated with the same CPXV strain at 42 dpi

Intranasal inoculation with booster	Antibody titers (no. of positive/total no. of voles tested)*				
	20	40	80	160	320
CPXV Brighton Red	6/6	6/6	6/6	6/6	6/6
CPXV FM2292	6/6	6/6	6/6	6/6	1/6
CPXV RatPox09	3/6	3/6	3/6	3/6	1/6

*Antibody titers of ≥ 40 were considered positive.