

Supplementary Table 6- Viral production, quantified by viral titration

Spanish VHSV strains									
At the time of CPE ¹					Maximum viral production				
Line ²	MOI ³	Strain	Titer ⁴	Time	Line	MOI	Strain	Titer	Time
EPC	0.1	Sm2897[H]	1.5×10^8	3d	EPC	0.1	Sm2897[H]	1.6×10^8 8.18 ± 0.15	6d
		DC1412[L]	1.5×10^7	3d			DC1412[L]	4.2×10^7 7.62 ± 0.06	7d
RTG-2	0.01	Sm2897[H]	1.1×10^7	4-5d	RTG-2	0.1	Sm2897[H]	8.8×10^7 7.93 ± 0.13	6d
		DC1412[L]	ND				DC1412[L]	4.5×10^8 8.63 ± 0.14	3d
	0.1	Sm2897[H]	4.1×10^7	3d					
		DC1412[L]	2.1×10^8	3d					
	1.0	Sm2897[H]	2.7×10^7	2-3d					
		DC1412[L]	1.8×10^7	3d					
Italian VHSV strains									
At the time of CPE					Maximum viral production				
Line	MOI	Strain	Titer	Time	Line	MOI	Strain	Titer	Time
EPC	0.1	TN68[H]	7.2×10^7	N/Av	EPC	0.1	TN68[H]	3.0×10^7 7.47 ± 0.14	3d
		TN80[H]	NA				TN80[H]	NA	
		TN470[H]	3.5×10^7	N/Av			TN470[H]	4.0×10^6 6.55 ± 0.25	3d
		TN480[L]	7.4×10^7	N/Av			TN480[L]	9.6×10^7 7.97 ± 0.14	3d
RTG-2	0.01	TN68[H]	6.5×10^6	3-4d	RTG-2	0.1	TN68[H]	8.7×10^6 6.88 ± 0.29	7d
		TN80[H]	NA				TN80[H]	3.5×10^6 6.50 ± 0.25	6d
		TN470[H]	8.0×10^6	3-4d			TN470[H]	5.4×10^6 6.58 ± 0.45	6.5d
		TN480[L]	6.2×10^8	3-4d			TN480[L]	8.7×10^7 7.88 ± 0.29	4.5d
	0.1	TN68[H]	7.4×10^6	2-3d					
		TN80[H]	NA	3d					
		TN470[H]	5.0×10^6	2-3d					
		TN480[L]	6.5×10^7	2-3d					
	1.0	TN68[H]	3.5×10^6	2d					
		TN80[H]	NA						
		TN470[H]	1.1×10^6	2-3d					
		TN480[L]	3.1×10^8	2d					

Danish VHSV strains									
At the time of CPE					Maximum viral production				
Line	MOI	Strain	Titer	Time	Line	MOI	Strain	Titer	Time
RTG-2	0.1	DK3592[H]	8.2×10^6 <i>6.75±0.53</i>	2-3d	RTG-2	0.1	DK3592[H]	1.7×10^7 <i>7.08±0.50</i>	2-3d
		DK-F1[V]	3.0×10^5 <i>5.47±0.14</i>	2-3d			DK-F1[V]	1.6×10^7 <i>7.08±0.38</i>	2d
		DK-1p8[L]	1.1×10^5 <i>5.05±0.10</i>	4d			DK-1p8[L]	3.8×10^5 <i>5.50±0.33</i>	2d
BF-2	0.1	DK3592[H]	1.8×10^9 <i>9.17±0.38</i>	3d	BF-2	0.1	DK3592[H]	3.7×10^9 <i>9.47±0.38</i>	6d
		DK-F1[V]	3.0×10^6 <i>6.25±0.66</i>	3d			DK-F1[V]	1.6×10^7 <i>7.15±0.26</i>	6d
		DK-1p8[L]	8.3×10^7 <i>7.92±0.14</i>	3d			DK-1p8[L]	2.3×10^8 <i>8.3±0.32</i>	4d

French VHSV recombinant strains									
At the time of CPE					Maximum viral production				
Line	MOI	Strain	Titer	Time	Line	MOI	Strain	Titer	Time
EPC	0.1	Wt[H]	5.5×10^8	2-3d	EPC	0.1	Wt[H]	4.3×10^8 <i>8.58±0.2</i>	5d
		NV-R116Y[H]	7.6×10^8	2-3d			NV-R116Y[H]	5.6×10^8 <i>8.72±0.21</i>	5d
		NV-R116S[M]	6.4×10^8	2-3d			NV-R116S[M]	1.9×10^7 <i>7.22±0.31</i>	5d
		DD224[L]	1.1×10^9	2-3d			DD224[L]	1.4×10^8 <i>8.00±0.43</i>	5d
		N-K46G[L]	NA				N-K46G[L]	2.0×10^7 <i>7.28±0.12</i>	*5d
		NV_N[L]	NA				NV_N[L]	1.3×10^6 <i>6.00±0.43</i>	*5d

¹CPE: Cytopathic Effect; ²Line: cell line tested; ³MOI: multiplicity of infection; ⁴Titer: TCID₅₀/ml (below: Average±Standard Deviation, when 3 replicas were titrated); ND: Not Detected; NA: Not Assayed; NDm: Not Determined; N/Av: not available. *Considering the maximum time tested with the remaining strain (see Fig 10).