

Supplementary Table 7- Viral production, quantified by qPCR (RNA copies)

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]	1.9×10^8	3d	EPC	0.1	Sm2897[H]	1.0×10^8 <i>8.02±0.05</i>	6d
		DC1412[L]	6.1×10^7	3d			DC1412[L]	1.1×10^8 <i>8.00±0.17</i>	7d
RTG-2	0.01	Sm2897[H]	1.4×10^7	4-5d	RTG-2	0.1	Sm2897[H]	3.4×10^7 <i>7.52±0.14</i>	6d
		DC1412[L]	1.5×10^2				DC1412[L]	5.2×10^7 <i>7.62±0.39</i>	3d
	0.1	Sm2897[H]	1.8×10^7	3d					
		DC1412[L]	5.2×10^7	3d					
	1.0	Sm2897[H]	1.2×10^8	2-3d					
		DC1412[L]	1.8×10^8	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]	8.5×10^7	N/Av	EPC	0.1	TN68[H]	7.8×10^7 <i>7.87±0.15</i>	3d
		TN80[H]	NA				TN80[H]	NA	
		TN470[H]	7.5×10^7	N/Av			TN470[H]	9.3×10^7 <i>7.76±0.64</i>	3d
		TN480[L]	7.4×10^7	N/Av			TN480[L]	6.7×10^7 <i>7.83±0.03</i>	3d
RTG-2	0.01	TN68[H]	1.1×10^8	3-4d	RTG-2	0.1	TN68[H]	2.0×10^7 <i>7.28±0.15</i>	7d
		TN80[H]	NA				TN80[H]	1.1×10^7 <i>7.05±0.06</i>	4d
		TN470[H]	1.0×10^8	3-4d			TN470[H]	3.4×10^7 <i>7.52±0.14</i>	3d
		TN480[L]	4.1×10^7	3-4d			TN480[L]	6.0×10^7 <i>7.74±0.26</i>	2.5d
	0.1	TN68[H]	5.4×10^7	2-3d					
		TN80[H]	NA						
		TN470[H]	1.0×10^8	3d					
		TN480[L]	1.1×10^8	2-3d					
	1.0	TN68[H]	1.0×10^8	2d					
		TN80[H]	NA						
		TN470[H]	2.2×10^8	2-3d					
		TN480[L]	8.7×10^7	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]	9.4×10^7 <i>7.97±0.07</i>	3d	RTG-2	0.1	DK3592[H]	4.8×10^7 <i>7.70±0.07</i>	7.5d
		DK-F1[V]	8.8×10^7 <i>7.75±0.30</i>	2-3d			DK-F1[V]	6.2×10^7 <i>7.77±0.16</i>	2d
		DK-1p8[L]	7.7×10^6 <i>6.18±0.25</i>	3d			DK-1p8[L]	1.7×10^6 <i>6.18±0.25</i>	4d
BF-2	0.1	DK3592[H]	1.2×10^8	3d	BF-2	0.1	DK3592[H]	NDm	
		DK-F1[V]	2.3×10^6	3d			DK-F1[V]	NDm	
		DK-1p8[L]	2.3×10^6	3d			DK-1p8[L]	NDm	

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]	7.5×10^8	2-3d	EPC	0.1	Wt[H]	4.5×10^8 <i>8.62±0.19</i>	5d
		NV-R116Y[H]	4.8×10^9	2-3d			NV-R116Y[H]	3.6×10^8 <i>8.52±0.21</i>	5d
		NV-R116S[M]	5.0×10^7	2-3d			NV-R116S[M]	2.5×10^8 <i>8.34±0.28</i>	5d
		DD224[L]	1.3×10^9	2-3d			DD224[L]	2.9×10^8 <i>8.47±0.06</i>	5d
		N-K46G[L]	NA				N-K46G[L]	1.7×10^8 <i>8.20±0.16</i>	5d*
		NV_N[L]	NA				NV_N[L]	4.6×10^7 <i>7.66±0.09</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).