

Additional file

To determine the best timing of expression of viral genes, parallel experiments in human monocytic cell line THP-1, obtained from IZSLER (Istituto Zooprofilattico Sperimentale della Lombardia e Dell'Emilia Romagna, IT) and grown in RPMI 1640 supplemented with 10% FBS, 2mM L-glutamine, and 1% penicillin (medium) (Invitrogen Ltd, Paisley, UK) were conducted. $1,3 \times 10^6$ cells for well were plated in 96-wells plate and were incubated at 37°C in 5% CO₂ with/without HSV-1 1MOI for 1 h in serum-free RPMI; after infection, washed with phosphate-buffered saline (PBS), cells were cultured in 12 wells plate with RPMI 1640 supplemented with 2mM L- glutamine, 1% penicillin and 2% FBS for 1, 4, 6, 12, 24 hours. On the bases of these experiments, we decided to analyze the immediate early genes 1 hours p.i, the early genes 4 hours p.i and late genes 6 hours p.i.