**Supplementary Table 1**: Primer sequences and amplicon positions of the *UL69* HCMV-DB gene screened in CTH cells using qualitative and/or quantitative PCR.

| Gene  | Primers Sequence | Amplicon positions |
|-------|------------------|--------------------|
| UL69  |                  |                    |
|       | FWD: 5' ATCATCACGCAACAACCCCT 3' |
|       | RVS: 5' AGACGACTCGGTGTAATGC 3'  |
|       | FWD: 5' ATCATCACGCAACAACCCCT 3' |
|       | RVS: 5' TAACCTTGATGACGCCGTCGC 3' |
|       | FWD: 5' AGTCGGTACTCTTGAGGTA 3' |
|       | RVS: 5' CGGACGGCTAGCTCTATCAGGTCG 3' |
|       | FWD: 5' CGAGTCTCTTTTGGGTA 3' |
|       | RVS: 5' TAACCTTGATGACGCCGTCGC 3' |
|       | FWD: 5' TGCCGTCTGCTCTGATTACC 3' |
|       | RVS: 5' GGGACACCTGCTGCTACAAG 3' |
|       | FWD: 5' GAGTTTGCTCTCTCCCTCGCC 3' |
|       | RVS: 5' AACCCCGCAGCTCTCTCTATC 3' |
|       | FWD: 5' GATCTACGTTTTGAGCCGTCG 3' |
|       | RVS: 5' GCAAAGCTTGTTGGAAGAAG 3' |
|       | FWD: 5' AGCCCGTCTCAAGCTGTTG 3' |
|       | RVS: 5' TTCGATTGGCTGGAGGAACC 3' |
|       | FWD: 5' GCCCGGCTCCTCGACGACCC 3' |
|       | RVS: 5' GGGGAGGAGGATAGTGGTCC 3' |
|       | FWD: 5' TCTGCTGCTGCTGCTGATG 3' |
|       | RVS: 5' TTATCTTCCCTGAGGAGCG 3' |
Sup. Figure 1
A HCMV-DB infected MRC5 transfected at D2 PI with Scrambled siRNA UL69 siRNA

82-kDa pUL69 42-kDa Beta-actin

B

Viral Titer (copies/ml)

p-value=0.0456

Scrambled siRNA UL69 siRNA