**Supplementary Materials**

The sequence of the transcription regulatory region of our recently isolated strain HSV-1-XMW is shown here (145851- GGGGTGCGTCCCCTGTGTTTCGTGGGTGGGGTGGGCGGGTCTTTCCCCCCCGCGTCCGCGTGTCCCTTTCCGATGCGATCCCGATCCCGAGCCGGGGCGTCGCGATGCCGACGCCGTCCGCTCCGACGGCCCTCTGCGACTCCCGCTCCCGGTCCGCGTGCTCCGCAGCCGCTCCCGTCGTTCGTGGCCGGCGCCGTCTGCGGGCGTCGGTCGCGCCGGGCCTTTATGTGCGCCGGAGAGACCCGCCCCCCGCCGCCCGGGCCCGCCCCCGGGGCGGCGCGGAGTCGGGCACGGCGCCAGTGCTCGCACTTCGCCCTAATAATATATATATATTGGGACGAAGTGCGAACGCTTCGCGTTCTCACTTCTTTTACCCGGCGGCCCCGCCCCCTTGGGGCGGTCCCGCCCGCCGGCCAATGGGGGGGCGGCAAGGCGGGCGGCCCTTGGGCCGCCCGCCGTCCCGTTGGTCCCGGCGTCCGGCGGGCGGGACCGGGGGCCCGGGGACGGCCAACGGGCGCGCGGGGCTCGTATCTCATTACCGCCGAACCGGGAAGTCGGGGCCCGGGCCCCGCCCCCGGCCCGTTCCTCGTTAGCATGCGGAACGGAAGCGGAAACCGCCGGATCGGGCGGTAATGAGATGCCATGCGGGGCGGGGCGCGGACCCACCCGCCCTCGCGCCCCGCCCNNNNNNNNTGGCGCGGATGGGCGGGGCCGGGGTTCGACCAACGGGCCGCGGCCACGGGCCCCCGGCGTGCCGGCGTCGGGGCGGGGTCGTGCATAATGGAATTCCGTTCGGGGTGGGCCCGCCGGGGGGGCGGGGGGCCGGCGGCCTCCGCTGCTCCTCCTTCCCGCCGGCCCCTGGGACTATATGAGCCCGAGGACGCCCCGATCGTCCACACGGAGCGCGGCTGCCGACACGGATCCACGACCCGACGCGGGACCGCCAGAGACAGACCGTCAGACGCTCGCCGCGCCGGGACGCCGATACGCGGACGAAGCGCGGGAGGGGGATCGGCCGTCCCTGTCCTTTTTCCCACCCAAGCATCGACCGGTCCGCGCTAGTTCCGCGTCGACGGCGGGGGTCGTCGGGGTCCGTGGGTCTCGCCCCCTCCCCCCATCGAGAGTCCGTAGGTGACCTACCGTGCTACGTCCGCCGTCGCAGCCGTATCCCCGGAGGATCGCCCCGCATCGGCGATGGCGTCGGAGAACAAGCAGCGCCCCGGCTCCCCGGGCCCCACCGACGGGCCGCCGCCCACCCCGAGCCCAGACCGCGACGAGCGGGGGGCCCTCGGGTGGGGCGCGGAGACGGAGGAGGGCGGGGACGACCCCGACCACGACCCCGACCACCCCCACGACCTCGACGACGCCCGGCGGGACGGGAGGGCCCCCGCGGCGGGCACCGACGCCGGCGAGGACGCCGGGGACGCCGTCTCGCCGCGACAGCTGGCTCTGCTGGCCTCCATGGTAGAGGAGGCCGTCCGGACGATCCCGACGCCCGACCCCGCGGCCTCGCCGCCCCGGACCCCCGCCTTTCGAGCCGACGACGATGACGGGGACGAGTACGACGACGCAGCCGACGCCGCCGGCGACCGGGCCCCGGCCCGGGGCCGCGAACGGGAGGCCCCGCTACGCGGCGCGTATCCGGACCCCACGGACCGCCTGTCGCCGCGCCCGCCGGCCCAGCCGCCGCGGAGACGTCGTCACGGCCGGCGGCGGCCATCGGCGTCATCGACCTCGTCGGACTCCGGGTCCTCGTCCTCGTCGTCCGCATCCTCTTCGTCCTCGTCGTCCGACGAGGACGAGGACGACGACGGCAACGACGCGGCCGACCACGCACGCGAGGCGCGGGCCGTCGGGCGGGGTCCGTCGAGCGCGGCGCCGGAAGCCCCCGGGCGGACGCCGCCCCCGCCCGGGCCATCCCCCCTCTCCGAGGCCGCGCCCAAGCCCCGGGCGGCGGCGAGGACCCCCGCGGCCTCCGCGGGCCGCATCGAGCGCCGCCGGGCCCGCGCGGCGGTGGCCGGCCGCGACGCCACGGGCCGCTTCACGGCCGGGCAGCCCCGGCGGGTCGAGCTGGACGCCGACGCGGCCTCCGGCGCCTTCTACGCGCGCTATCGCGACGGGTACGTCAGCGGGGAGCCGTGGCCCGGCGCCGGGCCCCCGCCCCCGGGGCGGGTGCTGTACGGCGGCCTGGGCGACAGCC -148050).

**Supplementary Materials Legends**

Using the nucleotide sequence database, we identified transcription regulatory regions of US12 (145851-148050). The transcription regulatory regions are 2000bp upstream and 200bp downstream of US12 transcription initiation sites.