|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Amplicon** | **Range\*** | **Amplicon size** | **Genomic region** | **Forward primer sequence (5' - 3')** | **Reverse primer sequence (5' - 3')** |
| 1 |  1 - 5965 | 5,966 | UL  | AGGCCAGCCCTCTCGCG | CACAGGGACGGCGGTTGGAC |
| 2 | 5703-10765  | 5,063 | UL  | CCCCGCGCTCTTTTAGAGCC | CCACGAGCCGAACAGCTGGC |
| 3 | 10513-16312  | 5,819 | UL  | TCGTCTAACACGCATTGCAGCG | AGTCCCGGGTAGGTGTGGGC |
| 4 | 20690-26684  | 5,995 | UL  | CCCTCCGTGGACCTAGCCGA  | CTCGGCCGCTACCCGAAAGC |
| 5 | 15951-21015  | 5,101 | UL  | CTGCGGGATCGGGCTTTCGG | AGGAACGCCCAGACGGGACA |
| 6 | 26192-32198  | 6,007 | UL  | CGCGCGTGGACAACCTCGAT | TGGAGCAAAACAGCGCCGCA  |
| 7 | 31774-37345  | 5,572 | UL  | CCGACCCGGAAGCGGAAACC  | ACGGTCGCGATGTCGGATGC |
| 8 | 37114-40040  | 2,926 | UL  | AGGCGCCGGTAGAGATCCGT | GTCCCAATGAACCCCGTA |
| 9 | 39060-40843  | 1,783 | UL  | GGTGAGGTTACGTGGGACGATG | TTAGAAACGTGAGTTGGTGCCG |
| 10 | 40843-42907  | 2,064 | UL  | GCCCGTACCCTCAGACCCGT | CAGTCGCCTGGCGTCCGTTT |
| 11 | 41523-43556  | 2,033 | UL  | AGAACCGGGCACACAAATAG | TTGTGCGAATGCCATATGTT |
| 12 | 43467-49393  | 5,946 | UL  | CGTGGCGCGGGCCATAAGT | AAGGACGCGGGGTTACCGGA |
| 13 | 49051-54760  | 5,710 | UL  | AGAGCTTCACGTGCAACCGAAT | AAGCGACACGCCACCCTTGG |
| 14 | 54192-59492  | 5,301 | UL  | CCTGGAAACGCCCTGGACCG | CTTGGCGCTCAGCCGCAGAT |
| 15 | 59123-64658  | 5,536 | UL  | ACGGGAGCGCTGCTTTCCAC | ACGTCGAGGTTTCGCGGACG |
| 16 | 64385-69658  | 5,274 | UL  | CAGCTGGCGCATACCCTCGC | TAGTCGGCGCGCTGCTGATG |
| 17 | 69321-74912  | 5,592 | UL  | CCCGTTCGCCATATACCGCAACAA | ACCCGACTCCCAGGTCCACG |
| 18 | 74576-79919  | 5,344 | UL  | CTGGGAGCCAACCACCACGC | AGGCTACGGGAACGGGGACC  |
| 19 | 79489-84982  | 5,494 | UL  | CGCCTTTAAACCAGGCGCCGA | GCGGCTCCTGAGGCTGTGTG |
| 20 | 84668-90253  | 5,586 | UL  | TGGCACGATCGGGATTGGATAGG | TGCCCAAGCGGGGGCAGTAA |
| 21 | 90044-95581  | 5,538 | UL  | TTTGGCGCCCGCGTAACTAA | ACCTGCATGCCGGGGCTCTA |
| 22 | 95229-100770  | 5,542 | UL  | GACAACCGCCGCTCCTCTGG | CCCTACCGCGGGACATGCAC |
| 23 | 99742-104894  | 5,973 | UL  | TCCGTCCGTTGAGCGGGTGT | ACGCCTCTAATGGAGTAACTGTCCCA  |
| 24 | 110529-116109  | 5,581 | IR / US  | GCGACAGCGTCGAGTCGGTT | ACCCCATGGTGTTCGTGTGCG |
| 25 | 115103-117562  | 2,460 | US  | CCGCGACACCCAAAGGGTCC | AAGGCCAGCGTAATACATGCTTTGGT |
| 26 | 117384-118364  | 980 | US / TR  | CCCCCGTAAACCCCGGAACG | GTGTGGGGACCCCGTGGGTT |
| 27 | 118124-119026  | 902 | TR  | GCCCTCCCCCACAAACTCGC | AGTCGAGGCATATGCGCCGC |
| 28 | 118888-120006  | 1,118 | TR  | GGGACGCTGTCTGGTGCGAC | AAACATCGGCGGGGTACCGC |
| 29 | 119805-120940  | 1,138 | TR  | GCGTACACCACAGACATGCGGA | ACGGGGTCATGGTGGGACGG |
| 30 | 120755-124804  | 4,050 | TR  | CCCAGTGCGATGGATACGCCG | CCGCCCGCACAGACAGACAG |

**Supplementary Table S3 | Primers used to generate overlapping amplicons by long PCR for deep–sequencing of VZV**