Haplotype and amino acid sequences list:

Detailed list of haplotype DNA sequences and amino acid variants found for the highly conserved regions for three short-fragments markers (UL18, UL22 and UL27) within the CFPHV genome.

UL18

<UL18 haplotype1, most common haplotype found all over the world; 98 nucleotides, 46 samples>
CCGTTAACCCACTCGAAGGGTCCCGTGTTTCGAATTTTGCAGAGCGCCGCGCTGGTACTCATTTCCAAAACGGAGAGGATTACCCGGCGGGGTTCCAC
<UL18 amino acid sequence variable sites, only functional site variantion Y/C>
RRLPAVIFAVEPRRVILSVLEMSTSAAL**Y**KIRNTGPFEWVNGDRLALVPP

<UL18 haplotype2, found only in turtle from Turks and Caicos and unique individual from Portugal; 98 nucleotides, 12 samples>
CCGTTGACCCATTCGAAGGGTCCCGTGTTTCGAATTTTGTAGAGCGCCGCGCTGGTACTCATTTCCAAGACGGAGAGAATTACCCGGCGGGGTTCCAC
<UL18 amino acid sequence variable sites, only functional site variantion Y/C>
RRLPAVIFAVEPRRVILSVLEMSTSAAL**C**KIRNTGPFEWVNGDRLALVPP

UL22

<UL22 haplotype1, most common haplotype found all over the world; 132 nucleotides, 82 samples>
ATCGCTGGTCATAGACTTGCCGTGTTTGCGGGTTTAACCAAAGATTCAGTGCGCACCAGCACGACGTTTGGTTCGTGTTTCGCAAAAGTATCAGATCCGAACTCTACAATATGGGTCGGAGGAAAGGGCGTT
<UL22 amino acid sequence variable sites, only functional site variantion D/E>
APQNATPFPPTHIVEFGS**D**TFAKHEPNVVLVRTESLVKPANTASLLTSDLFYPVQFE

<UL22 haplotype2, found only in turtle from Turks and Caicos and unique individual from Portugal; 132 nucleotides, 13 samples>
ATCGCTGGTCATAGACTTGCCGTGTTTGCGGGTTTAACCAAGGATTCAGTGCGCACCAGCACGACGTTTGGTTCGTGTTTCGCAAAAGTTTCAGATCCGAACTCTACAATATGGGTCGGAGGAAAGGGCGTT
<UL22 amino acid sequence variable sites, only functional site variantion D/E>
APQNATPFPPTHIVEFGS**E**TFAKHEPNVVLVRTESLVKPANTASLLTSDLFYPVQFE

UL27

<UL27 haplotype1, most common haplotype found all over the world; 144 nucleotides, 50 samples>
CCTCCGGATGGTCGCTGGCCAAAGAAAAACTATCTAACGTCAAAGACAACTTTACGGACGCTAAAAATAAAATGATGAAATCTTTACGCCACCGCGGAAACGGATACGCTCCCGTTTCGACGAGCATGGCCAGTATGTATCTAG
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KKAASSSGWSLAK**K**KLSNVKDNFTDAKNKMMKSLRHRGNGYAPVSTS**T**ASMYLDDELSTYSQ

<UL27 haplotype2, 144 nucleotides, 7 samples>
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KKAASSSGWSLAK**E**KLSNVKDNFTDAKNKMMKSLRHRGNGYAPVSTS**T**ASMYLDDELSTYSQ

<UL27 haplotype3, 144 nucleotides, 18 samples>
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