C8L Family Alignment

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                 1                 10                 20                 30                 40                 50                 60
CMLV_M96_18      MSSIRFIACIYLISVFGNCHE.DPYYQPFDKLNITLDIYTYEDLVPYTVDNDLPNPNDDTTSFVK   64
HSPV9_023        MSAIRFIACLCLIFVLGNCHD.DPYYQPFNKLNITLDIYTYEDLVPYTVDN.......DTTSFVK   57
CPXV_GRI_C12L    MSSIRFIACLCLISVLGNCHD.DPYYQPFDKLNITLDIYTYEDLVPYTVDNDLPRPNDDTTSFVK   64
CPXV_BRI_028     MTAIRFIACLCLISVFGNCRSVDPYYQPFDKLNITLDIYTYEDLVPYTVDNDLPNPNDDTTSFVK   65
CPXV_GER91_026   MSSIRFIACLYLISIFGNCHE.DPYYQPFDKLNITLDIYTYEDLVPYTVDNDLPNPNDDTTSFVK   64
VACV_WR_C8L      MSSIRFIACLYLISIFGNCHE.DPYYQPFNKLNITLDIYTYEDLVPYTVDN.......DTTSFVK   57

                 70                 80                 90                100                110                120
CMLV_M96_18      IYFKNFWITVMTKWCASFIDTVSLYTSHDNLNIQFYSRDEYDTQSEDKICTIDVKARCKHLTKRE  129
HSPV9_023        IYFKKFWITVMTKWCAPFIDTVSVYTSHDNLNIEFYTRDEYDTQSEDKICTIDVKARCNHLTKPE  122
CPXV_GRI_C12L    IYFKNFWITVMTKWCAPFIDTVSVYTSHDNLNIQFYTRDEYDTQSEDKICTIDVKARCKHRTKRE  129
CPXV_BRI_028     IYFKKFWITVMTKWCSPFIDTVSVYTSHDNLNIQFYSRDEYDTQSEDKICTIDVKARCDRLTKPE  130
CPXV_GER91_026   IYFKNFWITVMTKWCAPFIDTVSVYTSHDNLNIQFYNRDEYDTQSEDKICTIDVKARCKHLTKRE  129
VACV_WR_C8L      IYFKKFWITVMTKWCAPFIDTVSVYTSHDNLNIEFYTRDEYDTQSEDKICTIDVKARCNHLTKPE  122

                130                140                150                160                170                180
CMLV_M96_18      VIVQQEAYRYSLSSDLSCFDSIDLEIDLIETNSTDTTVLKSYDLMLPARTKST..   182
HSPV9_023        VTVQKEAYRYSLSSDLSCFDSIDLNIDLIETNSTDTTVLKSYELMLPKRAKSIHN   177
CPXV_GRI_C12L    VTVQQEAYRYSLSSDLSCFDSIDLEIDLIETNRTDTTVLKSYELMLPARTKST..   182
CPXV_BRI_028     VTVQEEAYRYSLSSDLSCFDSIDLDIDLIETNSTDTTVLKSYELMLPKRAKSIHN   185
CPXV_GER91_026   VTVQQEAYRYSLSSDLSCFDSIDLEIDLIETNSTDTTVLKSYELMLPKRAKSIHN   184
VACV_WR_C8L      VTVQKEAYRYSLSSDLSCFDSIDLDIDLIETNSTDTTVLKSYELMLPKRAKSIHN   177
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Figure S11. Sequence alignment of the C8 family members. Cysteine residues are boxed in yellow. Predicted N-linked glycosylation sites are boxed in blue.