

1 10 20 30 40 50

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|-------------------------|----------|------------|---------|------|------|
| CD47_HUMAN | . | . | . | . | . |
| Variola_virus | I. | L. | L. | L. | L. |
| Ectromelia_virus | I. | L. | L. | L. | L. |
| Cowpox_virus | I. | S. | S. | S. | S. |
| Myxoma_virus | I. | L. | L. | L. | L. |
| Swinepox_virus | KIFL. | L. | L. | L. | L. |
| Sheepox_virus | MFYFK. | KK. | KK. | KK. | KK. |
| Rabbit_fibroma_virus | MRTSC. | IA. | SIAHVG | LL. | LL. |
| Goatpox_virus | FYFK. | KK. | KVKIIF | LFLT | LFLT |
| Monkeypox_virus | LRVR. | I. | I. | L. | L. |
| Akhmeta_virus | LRVR. | I. | I. | L. | L. |
| Tanapox_virus | MMYM. | YM. | YM. | YI. | YI. |
| Cotia_virus | MKNIL. | F. | F. | ILF. | ILF. |
| Deerpox_virus | MNIS. | SLSVIRIYFF | LLITIF. | I. | I. |
| Yakopox_virus | MLL. | K. | K. | L. | L. |
| Taterapox_virus | LRVR. | I. | I. | L. | L. |
| Skunkpox_virus | MENSK. | L. | L. | L. | L. |
| Volepox_virus | MHKITSK. | . | . | L. | L. |
| Camelpox_virus | MLRVR. | I. | I. | L. | L. |
| Moosepox_virus | MNIS. | SLSVIRIYFF | LLITIF. | I. | I. |
| Yaba_monkey_tumor_virus | MHTYN. | Y. | Y. | I. | I. |
| Horsepox_virus | MLRVR. | I. | I. | L. | L. |
| Alaskapox_virus | MIRIS. | . | . | L. | L. |
| consensus>70 | m. | m. | m. | iy. | iy. |

ie.t.C.n.t..!W.dn.i...n.t..

60 70 80 90 100 110 120 130 140

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|-------------------------|--------------|--------------|-----------|---------|-------|------|--------|----------|
| CD47_HUMAN | VPTDF. | SSAKIEVSQLLK | DASLKMDS. | DAVSHT | GNYTC | EV | ELTR | REG |
| Variola_virus | IILSKWHTSAR. | .LHSLSD | DVS | SLIKYK | K.DI. | .. | LG | I. |
| Ectromelia_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIMEK | K.DI. | .. | PCTY | TCEDN |
| Cowpox_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIMEYK | K.DI. | .. | LPGTY | TCEDN |
| Myxoma_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLITFD. | A.NN. | .. | TG | I. |
| Swinepox_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIMEK | K.DI. | .. | RSTV | KLV |
| Sheepox_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIMEYK | K.DI. | .. | VQCHTN | WFNDYQTT |
| Rabbit_fibroma_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIKEK | S.KY. | .. | LMF | IFTG |
| Goatpox_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIKEK | S.KY. | .. | TFL | LEI |
| Monkeypox_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIMEYK | K.DI. | .. | LEI | LEI |
| Akhmeta_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIMEYK | K.DI. | .. | PCY | ISNP |
| Tanapox_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIMEYK | K.DI. | .. | PCT | IDNP |
| Cotia_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIMEYK | K.DI. | .. | TG | I. |
| Deerpox_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIMEYK | K.DI. | .. | TG | I. |
| Yakopox_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIMEYK | K.DI. | .. | TG | I. |
| Taterapox_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIMEYK | K.DI. | .. | TG | I. |
| Skunkpox_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIMEYK | K.DI. | .. | TG | I. |
| Volepox_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIMEYK | K.DI. | .. | TG | I. |
| Camelpox_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIMEYK | K.DI. | .. | TG | I. |
| Moosepox_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIMEYK | K.DI. | .. | TG | I. |
| Yaba_monkey_tumor_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIMEYK | K.DI. | .. | TG | I. |
| Horsepox_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIMEYK | K.DI. | .. | TG | I. |
| Alaskapox_virus | ILSKWHTSAR. | .LHSLSD | DVS | SLIMEYK | K.DI. | .. | TG | I. |
| consensus>70 | | | | | | | | |

1.g.Ytc....i.k..i.l....nwf....e....i....ll..ei

150 160 170 180 190 200 210 220

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|-------------------------|------|----------|-------|--------|------|------|------|
| CD47_HUMAN | GIKT | LKYRSGGM | DEKTI | A | L | V | . |
| Variola_virus | AYTS | ISVF | S | STNLG | I | QV | . |
| Ectromelia_virus | AYTS | ISVFV | S | STNLG | I | QV | . |
| Cowpox_virus | TYTS | ISVFV | S | STNLG | I | QV | . |
| Myxoma_virus | CT. | ITFKI | N | NSVSK | L | HV | . |
| Swinepox_virus | II. | LIFKH | .. | RNISV | Y | I | . |
| Sheepox_virus | IATT | IKFKL | .. | SFKDKK | I | Y | . |
| Rabbit_fibroma_virus | IATT | IKFKL | .. | SFKDKK | I | Y | . |
| Goatpox_virus | YT.. | ITSK. | .. | SNISK | L | HV | . |
| Monkeypox_virus | AYTS | ISVFV | S | STNLG | I | QV | . |
| Akhmeta_virus | TYTS | ISVFV | S | STNLG | I | QV | . |
| Tanapox_virus | TYTS | ISVFV | S | STNLG | I | QV | . |
| Cotia_virus | TYTS | ISVFV | S | STNLG | I | QV | . |
| Deerpox_virus | TYTS | ISVFV | S | STNLG | I | QV | . |
| Yakopox_virus | TYTS | ISVFV | S | STNLG | I | QV | . |
| Taterapox_virus | TYTS | ISVFV | S | STNLG | I | QV | . |
| Skunkpox_virus | TYTS | ISVFV | S | STNLG | I | QV | . |
| Volepox_virus | TYTS | ISVFV | S | STNLG | I | QV | . |
| Camelpox_virus | TYTS | ISVFV | S | STNLG | I | QV | . |
| Moosepox_virus | TYTS | ISVFV | S | STNLG | I | QV | . |
| Yaba_monkey_tumor_virus | TYTS | ISVFV | S | STNLG | I | QV | . |
| Horsepox_virus | TYTS | ISVFV | S | STNLG | I | QV | . |
| Alaskapox_virus | TYTS | ISVFV | S | STNLG | I | QV | . |
| consensus>70 | | | | | | | |

i....l..f....i.mi...g.fl....f....i.g.m....i.v.f....s.v....i....

230 240 250 260 270 280 290 300

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|-------------------------|-----------|---------|---------|--------|----------|---------|------|
| CD47_HUMAN | IAYILAV | VGL | SLC1AAC | CIP. | MH | G | . |
| Variola_virus | AGYIL | TVLG | GLSLKE | CV. | .. | D | G |
| Ectromelia_virus | AGYIL | TVLG | GLSLKE | CV. | .. | D | G |
| Cowpox_virus | AGYIL | TVLG | GLSLKE | CV. | .. | D | G |
| Myxoma_virus | V | STG | TVV | ALSLF | IG | TY | . |
| Swinepox_virus | ILPLISS | III | IILSFNC | CYKSIY | GYLFM | YKLL | VID |
| Sheepox_virus | ISYIISLIM | FTMSLIG | CYNEIY | GYKVIV | YKLL | VID | . |
| Rabbit_fibroma_virus | ISYIISLIM | FTMSLIG | CYNEIY | GYKVIV | YKLL | VID | . |
| Goatpox_virus | ISYIISLIM | FTMSLIG | CYNEIY | GYKVIV | YKLL | VID | . |
| Monkeypox_virus | AGYIL | TVLG | GLSLKE | CV. | .. | D | G |
| Akhmeta_virus | AGYIL | TVLG | GLSLKE | CV. | .. | D | G |
| Tanapox_virus | VASIL | FFFV | YVLL | LYL | Y | Y | . |
| Cotia_virus | IFT | ITST | II | IISKSE | CYKVIY | SCYNSYS | IVF |
| Deerpox_virus | ISYLI | SCII | IILSF | VG | CYNIQIYI | YL | YL |
| Yakopox_virus | AGYVL | TILG | GLSLKE | CV. | .. | D | G |
| Taterapox_virus | AGYIL | TVLG | GLSLKE | CV. | .. | D | G |
| Skunkpox_virus | AGYIL | TVLG | GLSLKE | CV. | .. | D | G |
| Volepox_virus | AGYIL | TVLG | GLSLKE | CV. | .. | D | G |
| Camelpox_virus | AGYIL | TVLG | GLSLKE | CV. | .. | D | G |
| Moosepox_virus | ISYLI | SCII | IILSF | VG | CYNIQIYI | YL | YL |
| Yaba_monkey_tumor_virus | ITSVLF | FTL | VLL | YLY | Y | Y | . |
| Horsepox_virus | AGYIL | TVLG | GLSLKE | CV. | .. | D | G |
| Alaskapox_virus | SGYIL | TVLG | GLNLKE | CA | .. | D | G |
| consensus>70 | | | | | | | |

....i....l..c....g.l....i.v.e....\$....1....p....y....