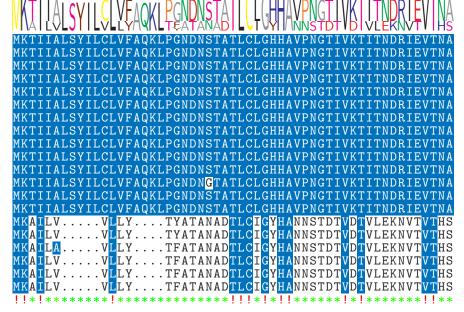
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consensus
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consensus
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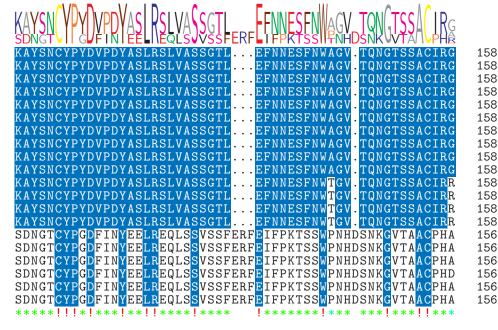
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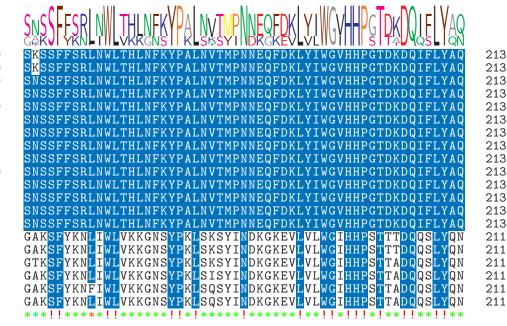
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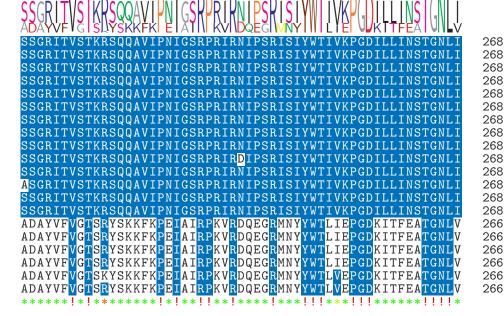
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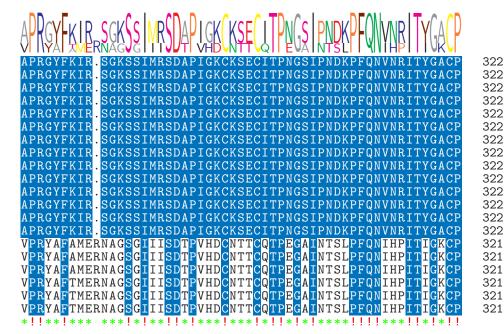
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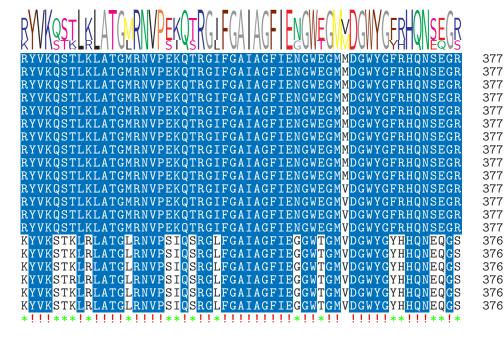
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consensus
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consensus
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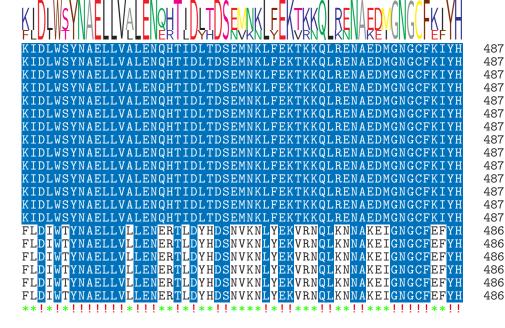


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consensus
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AHB73581.1 hemagglutinin Influenza A virus (A/Ontario/015/2013(H3N2))
AHB73580.1 hemagglutinin Influenza A virus (A/Ontario/013/2013(H3N2))
AHB73571.1 hemagglutinin Influenza A virus (A/Ontario/023/2013(H3N2))
AHB73593.1 hemagglutinin Influenza A virus (A/Ontario/014/2013(H1N1))
AHB73598.1 hemagglutinin Influenza A virus (A/Ontario/012/2013(H1N1))
AHB73591.1 hemagglutinin Influenza A virus (A/Ontario/029/2013(H1N1))
AIE53261.1 hemagglutinin Influenza A virus (A/Santiago/p13d2/2013(H1N1))
AHB73587.1 hemagglutinin Influenza A virus (A/Ontario/043/2013(H1N1))
AIE52932.1 hemagglutinin Influenza A virus (A/Santiago/p18d0/2013(H1N1))
consensus
```

```
LLCVALLGFIMWACQKGNIRCNIC
                             566
LLCVALLGFIMWACQKGNIRCNIC
                             566
LLCVALLGFIMWACQKGNIRCNICI
                             566
LLCVALLGFIMWACQKGNIRCNIC
                             566
LLCVALLGFIMWACQKGNIRCNIC
                             566
LLCVALLGFIMWACQKGNIRCNICI
                             566
LLCVALLGFIMWACQKGNIRCNIC
                             566
                             566
LLCVALLGFIMWACQKGNIRCNICI
LLCVALLGFIMWACQKGNIRCNIC
                             566
LLCVALLGFIMWACQKGNIRCNIC
                             566
LLCVALLGFIMWACQKGNIRCNICI
                             566
LLCVALLGFIMWACQKGNIRCNIC
                             566
LLCVALLGFIMWACQKGNIRCNIC
                             566
LLCVALLGFIMWACQKGNIRCNIC
                             566
VLVVSLGAISFWMCSNGSLQCRIC1
                             566
 .VVSLGAISFWMCSNGSLQCRICI
                             566
 .VVSLGAISFWMCSNGSLQCRICI
                             566
  VVSLGAISFWMCSNGSLQCRICI
                             566
 .VVSLGAISFWMCSNGSLQCRICI
                             566
VLVVSLGAISFWMCSNGSLQCRICI
                             566
```

X

non-conserved

>50% conserved