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logo
NTDB id 56526 OCV20 RS20180 WP 086775634.1  MHLNQGRVAKKVFTLSTLTASCLMAFNSYAAVDCSTLETWNSATVYTGGDQVSHDGSAYTANYWNQNNNPSQFEGDYAQWKKVDV  85
NTDB id 1300 VP RS19160 WP 005479129.1      MHLKNGKAVKSVFTLSTLTASCLLAFNSYAAVDCAPLEVWDSSKVYNGGDQVQHEGNAYKARYWTQNNNPAQ.AGQWGEWESLGA  84
consensus                                   !!! *!*  ! !!!!!!!!!!!!*!!!!!!!!!! *!! !  !! !!!!! !*! !! ! !! !!!!! !* ! ** !  *
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```
logo
NTDB id 56526 OCV20 RS20180 WP 086775634.1  CSGDGGGTP.NEVPTASLTAPSASDAITEGDNVVLSATALDSDGSVASVEFFVDGTSVAVVTAAPFEATWAATSGNHQVSVVAT  169
NTDB id 1300 VP RS19160 WP 005479129.1      CDGTGPVDPPQNEIPTVTLTAPSASASITAGEVVNLAADAADTDGTISKVEFFVDGALVGQSTSAPFIASWTATEGVHEFSTKSY  169
consensus                                   ! ! !*  *!*!!*!! *!!!!!!!  !! !* ! ! ! ! !*!!**  !!!!!!  !*  ! !!! !*! !! ! !  !
```

```
logo
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NTDB id 1300 VP RS19160 WP 005479129.1      DDAGAVSTASSVTLTIASVQPGNEAPTVDVALSATSIELGGTVTLTANAADADGSIAKVDFYVAGALAGTATAAPYTLDVTPSKA  254
consensus                                   !  !! ! !! !**** ! !!!!!!!!! !!!!!!!***!!! !!!!! !!! !!** !!!!!!!!!! !!!   !!!!! !** !
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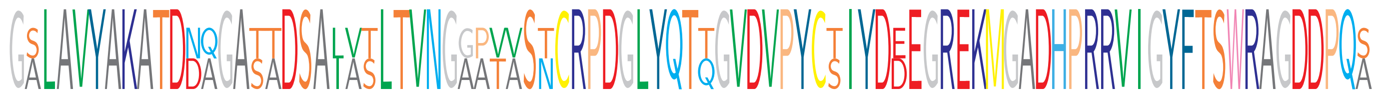

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logo
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NTDB id 1300 VP RS19160 WP 005479129.1      GALAVYAKATDNAGASTDSAIATLTVNGAVASNCRPDGLYQTTGVDVPYCSIYDEEGREKMGADHPRRVIGYFTSWRAGDDPQS  339
consensus                                   ! !!!!!!!!!  !!* !!!* *!!!!!**  ! !!!!!!!!! !!!!!!!*!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

```
logo
NTDB id 56526 OCV20 RS20180 WP 086775634.1  AYLVNDIPWEQLTHINYAFVSIGSDGKVNVGDVNDPENAAVGKEWPGVEVDPALGFKGHFGALATAKKKHGVKTLISIGGWAETG  424
NTDB id 1300 VP RS19160 WP 005479129.1      TYLVKDIPWEQLTHINYAFVSIGSDGKVNVGDVNDPNNAATGKTWPGVEVDPTLGFKGHFGALATYKQKHDVKTLISIGGWAETG  424
consensus                                    !!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!! !! !!!!!!!! !!!!!!!!!!!! ! !! !!!!!!!!!!!!!!
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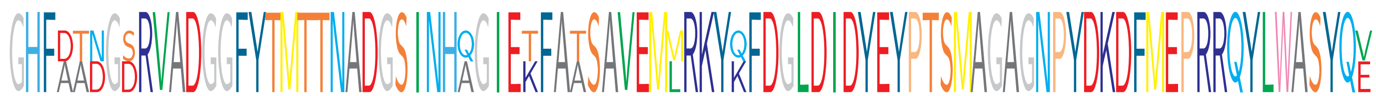

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logo
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NTDB id 1300 VP RS19160 WP 005479129.1      GHFDANGDRVADGGFYTMTTNADGSINHAGIEKFAASAVEMMRKYKFDGLDIDYEYPTSMAGAGNPYDKDFMEPRRQYLWASYQE  509
consensus                                   !!!   ! !!!!!!!!!!!!!!!!!!!! !!! !! !!!!!*!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
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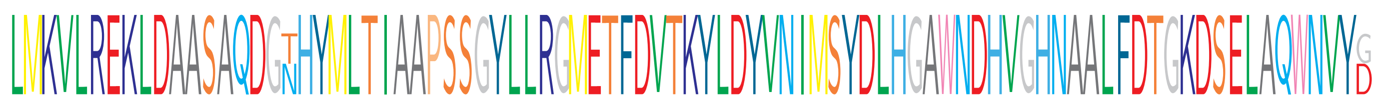

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logo
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NTDB id 1300 VP RS19160 WP 005479129.1      LMKVLREKLDAASAQDGTHYMLTIAAPSSGYLLRGMETFDVTKYLDYVNIMSYDLHGAWNDHVGHNAALFDTGKDSELAQWNVYG  594
consensus                                   !!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo
NTDB id 56526 OCV20 RS20180 WP 086775634.1 TAAYGGIGYLNTDWAYHYFRGSMPAGRINIGVPYYTRGWQGVTGGENGLWGRAALPNQSECSAGTGEGEKNNCGHGAIGIDNMWH 679
NTDB id 1300 VP RS19160 WP 005479129.1 TAAYGGIGYLNTDWAYHYFRGSMPAGRINIGVPYYTRGWQGVTGGDNGLWGRAALPNQAECQPGTGEGEKNNCGNGAIGIDNMWH 679
consensus
logo
NTDB id 56526 OCV20 RS20180 WP 086775634.1 DTDPKGNEMGAGSNPMWHAKNLEKGIWGSYAEAYKLDPVNDPSDVLTGTYTRNYDSVAVAPWLWNAEKGVFLSTEDKQSIDVKAD 764
NTDB id 1300 VP RS19160 WP 005479129.1 DLDPQGREMGAGSNPMWHAKNLEKGIWGSYAQAYGLDPVNDPSDKLVGTYTRNYDSVAVAPWLWNAEKGVFLSTEDKASIEVKAD 764
consensus
logo
NTDB id 56526 OCV20 RS20180 WP 086775634.1 YVIDKEIGGIMFWELAGDYNCYVLDANGNRTSIDTTEQACNSGNGEFHMGNTMTKAIYDKFKSATPYGNKVATGAIPTEALDISV 849
NTDB id 1300 VP RS19160 WP 005479129.1 YVIDKEIGGIMFWELAGDYNCYVLDANGNRTAIDATEQACAAGNGEYHMGNTMTKAIYDKFKSATPYGNKVATGPTPTEAVDITV 849
consensus
logo
NTDB id 56526 OCV20 RS20180 WP 086775634.1 SVGGFKVGDQNYPINPKITFTNNTGQALPGGTEFQFDIPVSAPDNAKDQSGGGLTVIASGHTRADNIGGLDGTMHRVAFTLPTWE 934
NTDB id 1300 VP RS19160 WP 005479129.1 SVGGFKVGDQNYPINPKITFTNNTGQAIPGGTEFQFDIPVSAPDNAKDQSGGGLKVIASGHTRANNIGGLDGVMHRVSFSLPAWK 934
consensus
logo
NTDB id 56526 OCV20 RS20180 WP 086775634.1 ELPAGGVYELDMVYYLPISGPANYAVNVGGVDYAFSFEQPDLPLGDISSGGSNPGDGGTNPGTCDTAGLAVYPDLPQKDWAGNPS 1019
NTDB id 1300 VP RS19160 WP 005479129.1 DLPAGGTYELDMVYYLPISGPANYSVISGGKEFAFKFEQPDLPIGDLNAGT..GGGGTTEPGSCDTAGLVTYPNLPQTDWAGNPS 1017
consensus
logo
NTDB id 56526 OCV20 RS20180 WP 086775634.1 HANTGDQVVHNGSVYQANWWTSSEPGSDGSWTQVCS. 1055
NTDB id 1300 VP RS19160 WP 005479129.1 HANQGDKVIHNGVVYQANWWTASEPGSDGSWATVCNI 1054
consensus
X non conserved
X similar
X ≥ 50% conserved