

logo

NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 195707 BS16045 RS13300 WP 069322755.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

MSQYTI CEQQTERI FDI SPSRWQKNCEEKQLLLRYLAVPVQETEHKLWLAVDDENNL TACE I FAFMTHKQI EPVVIASDE
MSQYTI CEQQTERI FDI SPSRWQKNCEEKQLLLRYLAVPVQETEHKLWLAVDDENNL TACE I FAFMTHKQI EPVVIASDE
.....
.....

80
0
0

logo

NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 195707 BS16045 RS13300 WP 069322755.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

LKYLLNAL SPEQQPI YEESELAFVEQE QEQNLNLP TQLLD LFKFCLAQN ASDIHI VPRERDA I IHERVDHAL LKKRD
LKYLLNAL SPEQQPI YEESELAFVEQE QEQNLNLP TQLLD LFKFCLAQN ASDIHI VPRERDA I IHERVDHAL LKKRD
..... MDSIEKVSKNL IEEAYLTKASDIHI VPRERDA I IHERVDHAL LKKRD
..... MDSIEKVSKNL IEEAYLTKASDIHI VPRERDA I IHERVDHAL LKKRD
*!*****!*****!!!!!!*!*****!*****

160
47
47

logo

NTDB id 1384 A4U84 RS08525 WP 010787006.1
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consensus

MKKEECVRL I SHFKFLSAMD I GERRK PQNGSL TLK LK EGNVHLR MSTLPT I NEESLVIRVMPQYNI PSIDKLSLFPKT
LSIQ LASRLISRIKLLAKLDISELRQPQDGQFSFTTALADT LDFRVSSLPTIYGEKLVLR LQKNKPTSFDFLQLGFNIQQ
LSIQ LASRLISRIKLLAKLDISELRQPQDGQFSFTTALADT LDFRVSSLPTIYGEKLVLR LQKNKPTSFDFLQLGFNIQQ
..... MKKEECVRL I SHFKFLSAMD I GERRK PQNGSL TLK LK EGNVHLR MSTLPT I NEESLVIRVMPQYNI PSIDKLSLFPKT
..... MKKEECVRL I SHFKFLSAMD I GERRK PQNGSL TLK LK EGNVHLR MSTLPT I NEESLVIRVMPQYNI PSIDKLSLFPKT
*****!!!!!!*!*****!***** *****!*****!***** *****!*****!*****

240
125
125

logo

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consensus

GATLLSFLK HSHGMLIFTGPTGSGK TTTLYSLVQYAKKHFNRI VTL EDPVETRDEDV LQVQVNEKAGVTYSAGLKAILR
QTLLNAL KQPQGLL I VGTGPTGSGK SITLYSALN YLN QMDKHILTAEDPVEIEIDGLIQTVNRSIQLDFSQLLRTRFLR
GATLLSFLK HSHGMLIFTGPTGSGK TTTLYSLVQYAKKHFNRI VTL EDPVETRDEDV LQVQVNEKAGVTYSAGLKAILR
GATLLSFLK HSHGMLIFTGPTGSGK TTTLYSLVQYAKKHFNRI VTL EDPVETRDEDV LQVQVNEKAGVTYSAGLKAILR
*!*****!*****!*****!!!!!!*!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

319
205
205

logo

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consensus

HDPDMIILGEIRD AETA EIAVRAAMTGHV LVTSLHTRDAKGA IYRLLEFGIMN EIQQTVIAIAAQR LVDLACPFCE N.G
QDPDIIMLGEIRD EESAKMALRASQTGHV LVTSLHTNDALS AVERLLQLGIQEYEQNSLLLVIAQRLV RKLCKKCRGVG
HDPDMIILGEIRD AETA EIAVRAAMTGHV LVTSLHTRDAKGA IYRLLEFGIMN EIQQTVIAIAAQR LVDLACPFCE N.G
HDPDMIILGEIRD AETA EIAVRAAMTGHV LVTSLHTRDAKGA IYRLLEFGIMN EIQQTVIAIAAQR LVDLACPFCE N.G
*!*****!*****!*****!!!!!!*!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

399
284
284

logo

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consensus

CSSVYCRQSRNTRRASVYELLYGKNLQQCIQEAKG NHANYQYQTLRQ IIRKGI ALGYLTTNNYDRWVYHEKD
DECYQGYR...GRIGVYQ.....CISRTAKKFDKQTAYLD FSSLRSAKQKTEQQLTNETEVDRLVIGYE..
CSSVYCRQSRNTRRASVYELLYGKNLQQCIQEAKG.....NHANYQYQTLRQ IIRKGI ALGYLTTNNYDRWVYHEKD
CSSVYCRQSRNTRRASVYELLYGKNLQQCIQEAKG.....NHANYQYQTLRQ IIRKGI ALGYLTTNNYDRWVYHEKD
!*****!*****!*****!!!!!!*!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

461
356
356

X non conserved
X similar
X ≥ 50% conserved