

logo

NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 21841 PCC7120DELTA RS14035 WP 010996600.1
NTDB id 1410 SGL RS13950 WP 010873519.1
consensus

MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPD
MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPD
.....

75
0
0

logo

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NTDB id 1410 SGL RS13950 WP 010873519.1
consensus

PAALRSIRPQTALNLQAFPPFALEGDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLE
PAALRSIRPQTALNLQAFPPFALEGDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLE
.....

150
0
0

logo

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consensus

IWVPSGASDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFPLP
IIVVPSGASDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFPLP
.....

225
0
0

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consensus

NPSGFHPGEEVLGSMLRADALRLLAVPVDETEQGVTVLSDSQRKPDIDALIGRPVQLMLTRPRDIETLIEAFYN
NPSGFHPGEEVLGSMLRADALRLLAVPVDETEQGVTVLSDSQRKPDIDALIGRPVQLMLTRPRDIETLIEAFYN
.....
MTYSSPQR
MTSSSSSKK
! **
SRAYTTR
STALTTTR
SR.AVALRN
** ** *

300
17
17

logo

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consensus

YFSPFGNKLVSQGYSTEQRLQALVWRKGRVLP
ERGRLEQAEHTDADMEITEQAREKPKTLGETEELGFASPDEVDSALQKQNVGGGRLEDTLVQSGKL
QRGRLGEQLVQEGTLSRDQLREALQVQAREGKVKPLGEVITELGFASPDEVDSALQKQNVGGGRLEDTLVQSGKL
EFSPFGNKLVSQGYINTEQMRQALIESRKSGRPLT..EVLE.....SITGRQL
YFSPFGNKLVSQGYINTEQMRQALIESRKSGRPLT..EVLE.....SITGRQL
****!***! * *!***!*** *!***
****!

375
63
63

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consensus

SPEMLARS.....LAAQLGYEFLDPIQNPPDP....KVALMIPEATARRVYVVPVRLQ....GNSLVVAMKD
SPEMLARS.....LAAQLGYEFLDPIQNPPDP....KVALMIPEATARRVYVVPVRLQ....GNSLVVAMKD
SPEYLRQYKKQQLFELKLYLGYEYLDPEVNNIGSSMVGNIETLIPVDICRRHRLVPLSKNDEHTPPYVLVAMVA
SPEYLRQYKKQQLFELKLYLGYEYLDPEVNNIGSSMVGNIETLIPVDICRRHRLVPLSKNDEHTPPYVLVAMVA
!!!!*****!!!!*****!!!!***** ** ** *!!!!*****!!!!***** * * *****!!!!

434
138
137

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consensus



887
658
661

logo

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consensus



887
670
672

☒ non conserved
☒ similar
☒ ≥ 50% conserved