

logo

NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 24541 CCE RS02030 WP 009546508.1
NTDB id 1410 SGL RS13950 WP 010873519.1
consensus

MALSIGDRRLGAILLDQGYLGNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAALRSIRPQ
MALSIGDRRLGAILLDQGYLGNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAALRSIRPQ
.....
.....

85
0
0

logo

NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 24541 CCE RS02030 WP 009546508.1
NTDB id 1410 SGL RS13950 WP 010873519.1
consensus

TALNLQAFPPFALEGDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIWPVSGASDAGRGGKLGGER
TALNLQAFPPFALEGDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIWPVSGASDAGRGGKLGGER
.....
.....

170
0
0

logo

NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 24541 CCE RS02030 WP 009546508.1
NTDB id 1410 SGL RS13950 WP 010873519.1
consensus

LITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVLGSMLRADALRLLAVPVDE
LITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVLGSMLRADALRLLAVPVDE
.....
.....

255
0
0

logo

NTDB id 1306 DR RS10060 WP 027479822.1
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NTDB id 1410 SGL RS13950 WP 010873519.1
consensus

TEQGVTVLTS DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPQRGRLGEQLVQEGTMSLSSSSKRSRAVALRNYFSPFGN
TEQGVTVLTS DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPQRGRLGEQLVQEGTMSLSSSSKRSRAVALRNYFSPFGN
.....
.....
*** *****!*****!***

338
29
24

logo

NTDB id 1306 DR RS10060 WP 027479822.1
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NTDB id 1410 SGL RS13950 WP 010873519.1
consensus

KLYELGYVSPDQMRQALVQVRIKGRSIEYLVVTGRRKLSPELLRQYKKNQFELKYLQVDSYDPEVSPYATQQAELINSMIP
VITELGFASPDEVDLALQKQNVGGGRLEDTLVQSGKLSPEMLARSL.....AAQLGYEFLDPIQNPPD.....PKVALMIP
KLIEAGYVGPDMKQALVETRKSGRPLTEVLQVMTGEPDLSPELLRQYKKNQFELKYLQVDSYDPEVSPYATQQAELINSMIP
KLVAGGHVDAEQLRQALVQVKKTRSLPEELKAVTGRELSPELLRQYKKNQFELKYLQVDSYDPEVSPYATQQAELINSMIP
*****!*** *****!*** *****!*** *****!*** *****!*** *****!*** *****!***

409
114
109

logo

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consensus

EDTCRRPYYLPLSQGGEDPPSVLVAMVDPDNLAAQDDLNRLRVKGLRRLRMTQDYNRLLEQYGLRGEWKNQRRKLELQEA
EATARRYVVVVRLLQG...NSLVVAMKDPNRVVALDDIKLIT...GKEILPAVMAEKDIIRLIERYFGEKGFELKNKELAEER...
FDICRRHRILPLSQHGGEDPPSVLVAMVDPDNLAAQDDLNRLRRAKNEELRRMVTQEDYDRLLLEQYHELQGEIDAENERLKKQEA
LDTCCRFFKFLPLAQQEGDPPSVLVAMVDPDNLAAQDELNRLRVLKGFELRRLVVTQDDFNQLLEQYYAIREEWEAAQEKRDQERA
*****!*** *****!*** *****!*** *****!*** *****!*** *****!*** *****!***

485
199
194

logo

NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 24541 CCE RS02030 WP 009546508.1
NTDB id 1410 SGL RS13950 WP 010873519.1
consensus



549
284
279

logo

NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 24541 CCE RS02030 WP 009546508.1
NTDB id 1410 SGL RS13950 WP 010873519.1
consensus



634
369
364

logo

NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 24541 CCE RS02030 WP 009546508.1
NTDB id 1410 SGL RS13950 WP 010873519.1
consensus



719
454
449

logo

NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 24541 CCE RS02030 WP 009546508.1
NTDB id 1410 SGL RS13950 WP 010873519.1
consensus



804
539
534

logo

NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 24541 CCE RS02030 WP 009546508.1
NTDB id 1410 SGL RS13950 WP 010873519.1
consensus



874
623
618

logo

NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 24541 CCE RS02030 WP 009546508.1
NTDB id 1410 SGL RS13950 WP 010873519.1
consensus



887
677
672

⊠ non conserved
⊠ similar
⊠ ≥ 50% conserved