

logo

NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1106288 ACN23B RS12285 WP 010996600.1
NTDB id 1410 SGL RS13950 WP 010873519.1
consensus

MALSI GDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAALR
MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAALR
.....
.....

80
0
0

logo

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NTDB id 1410 SGL RS13950 WP 010873519.1
consensus

SIRPQTALNLQAFPFALEGDRRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIWPVSGASDA
SIRPQTALNLQAFPFALEGDRRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIWPVSGASDA
.....
.....

160
0
0

logo

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NTDB id 1410 SGL RS13950 WP 010873519.1
consensus

GRTGGKLGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEEGTTFLPNPSGFHPGEEVLGSM
GRTGGKLGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEEGTTFLPNPSGFHPGEEVLGSM
.....
.....

240
0
0

logo

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consensus

LRADALRLLAVPVDETEQGVTLSDSRKPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQGRGLGEQLVQEGTISRQDL
LRADALRLLAVPVDETEQGVTLSDSRKPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQGRGLGEQLVQEGTISRQDL
.....
.....
! **

320
37
37

logo

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consensus

REALQVQAREGKVKPLGEVITELGFASPDEVDLSALQKQNVGGGRLEDTLVQSGKLSPEMLARS.....LAAQLGYEFL
REALQVQAREGKVKPLGEVITELGFASPDEVDLSALQKQNVGGGRLEDTLVQSGKLSPEMLARS.....LAAQLGYEFL
RQALIESRKSGRPLT..EVLE.....SITGRQLSPEYLRQYKKQQLFELKILYGVVEYL
RQALVQVKKTGRSLP..EELK.....AVTGRELSPELRLQYKKQQLFELKVLGVDSV
!!!!* ***!* ** !** ***** !!!!!*!!!!*!!!!*!!!!*

393
88
88

logo

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consensus

DPEVNPISTSSQVGNLIGTMIYVDTCCRPPVWVPLSQQEHTPPSVLVAMDPDNLAEQDPLNR|LRVQGLELRV|TQK
DPEVNPISTSSQVGNLIGTMIYVDTCCRPPVWVPLSQQEHTPPSVLVAMDPDNLAEQDPLNR|LRVQGLELRV|TQK
DPIQNPPDP.....KVALMPEATARRYVVPVRLQ....GNSLVVAMKDPNRV|FALDDLKLIT...GKEILPAVMAEKD
DPEVNNIGSSMVGNIETLIPVDICRRHRLVPLSKNDEHTPPYVLVAMVAPDNLEASDDLNRILRPQGLTLQRMVITQED
DPEVAPIATQQMAELICRFFPLDTCRRFKFLPLAQQ.EGDPPSVLVAMVDPDNLAAQDELNRILRVKGFELRLRVITQDD
!!!!!!!!* ** *** **!*!!!!!!*!!!!* * * *****!!!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*

461
168
167

logo

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consensus



518
244
247

logo

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consensus



597
324
327

logo

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consensus



677
404
407

logo

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consensus



757
484
487

logo

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NTDB id 1410 SGL RS13950 WP 010873519.1
consensus



822
564
567

logo

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consensus



887
643
646

logo

NTDB id 1306 DR RS10060 WP 027479822.1

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NTDB id 1410 SGL RS13950 WP 010873519.1
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consensus



887

670

672

X non conserved

X similar

X $\geq 50\%$ conserved