

[illegible]85
85[illegible]

169
170

[illegible]

254
255

KQVLVLVPEIGLTPQTSRF_RSRF_HCHIALHSGLNDSKRLQAWQA_ETGKASIVLGTRSAIYTP_MPLRGLIILDEEHDLS_FYKQQ
 KQVLVLVPEIGLTPQTSRF_KSRF_NCIALHSGLNDSKRLQAWQA_QTGKASIVLGTRSAIYTP_LPLRGLIILDEEHDLS_FYKQQ

339
340

EGF¹FR²Y³H⁴A⁵R⁶D⁷V⁸A⁹L¹⁰Y¹¹R¹²G¹³H¹⁴L¹⁵Q¹⁶G¹⁷CP¹⁸V¹⁹LL²⁰GS²¹AT²²PS²³IDS²⁴Y²⁵_A²⁶LV²⁷_{EQ}²⁸G²⁹_{MTV}³⁰Q³¹_{QLQA}³²EL³³NQ³⁴RA³⁵G³⁶T³⁷AL³⁸_{MP}³⁹PK⁴⁰HI⁴¹LD⁴²LK⁴³_{VP}⁴⁴AK⁴⁵Q⁴⁶K⁴⁷QH⁴⁸GIS⁴⁹QL⁵⁰LI⁵¹E⁵²_E⁵³IK⁵⁴NT⁵⁵L⁵⁶
 EGF¹FR²Y³H⁴A⁵R⁶D⁷V⁸A⁹L¹⁰Y¹¹R¹²G¹³H¹⁴L¹⁵Q¹⁶G¹⁷CP¹⁸V¹⁹LL²⁰GS²¹AT²²PS²³IDS²⁴Y²⁵_A²⁶LV²⁷_{EQ}²⁸G²⁹_{MTV}³⁰Q³¹_{QLQA}³²EL³³NQ³⁴RA³⁵G³⁶T³⁷AL³⁸_{MP}³⁹PK⁴⁰HI⁴¹LD⁴²LK⁴³_{VP}⁴⁴AK⁴⁵Q⁴⁶K⁴⁷QH⁴⁸GIS⁴⁹QL⁵⁰LI⁵¹E⁵²_E⁵³IK⁵⁴NT⁵⁵L⁵⁶
 EGF¹FR²Y³H⁴A⁵R⁶D⁷V⁸A⁹L¹⁰Y¹¹R¹²G¹³H¹⁴L¹⁵Q¹⁶G¹⁷CP¹⁸V¹⁹LL²⁰GS²¹AT²²PS²³IDS²⁴Y²⁵_A²⁶LV²⁷_{EQ}²⁸G²⁹_{MTV}³⁰Q³¹_{QLQA}³²EL³³NQ³⁴RA³⁵G³⁶T³⁷AL³⁸_{MP}³⁹PK⁴⁰HI⁴¹LD⁴²LK⁴³_{VP}⁴⁴AK⁴⁵Q⁴⁶K⁴⁷QH⁴⁸GIS⁴⁹QL⁵⁰LI⁵¹E⁵²_E⁵³IK⁵⁴NT⁵⁵L⁵⁶

424
425

A R K E Q V L I F L N R R G Y A P V L Y C E S C G W Q A N C P N C D A N F T V H R Q P Y S Y L H C H H C G T Y H R M P E Q C P C Q Q S K T L G M G T A K V E E H L N
A K K E Q V L I F L N R R G Y A P V L I C G S C G W Q A N C P N C D A N F T V H R Q P Y Q H L H C H H C G T I H R M P E Q C P C Q Q H Q E L A T L G M G T K V E E H L N
A R K E Q V L I F L N R R G Y A P V L V C E S C G W Q A N C P H C D A H F T L H T Q P Y S Y L H C H H C G T V H R L P D H C P E C Q Q K S L K T L G A G T A K V E E H L N

* * * * *

509
510

ELFPD^{HE}EVIRVDRDSTSRVGS^WQKIYDR^IQ^{SK}NE^{PS}A^ILLGTQMLAKGHFF^YVT^HLVAILDID^SAGLLSVD^FRA^PERT^IAQLI^VQVAGR
 ELFPD^{FE}EVIRVDRDSTSRVGS^WQKIYDR^IQ^{SK}NE^{PS}A^ILLGTQMLAKGHFF^YVT^HLVAILDID^SAGLLSVD^FRA^PERT^IAQLI^VQVAGR
 ELFPD^{HD}EVIRVDRDSTSRVGS^WQKIYDR^IQ^{SK}NE^{PS}A^ILLGTQMLAKGHFF^YVT^HLVAILDID^SAGLLSVD^FRA^PERT^IAQLI^VQVAGR
 * * * * *

594
595

NTDB id 53008 IOP84 RS13895 WP 214001669.1
NTDB id 1072 ABD1 RS01805 WP 000156662.1
consensus



NTDB id 53008 IOP84 RS13895 WP 214001669.1
NTDB id 1072 ABD1 RS01805 WP 000156662.1
consensus



- non conserved
- similar
- $\geq 50\%$ conserved