```
                                550        560        570        580        590        600
                                 .          .          .          .          .          .
A0A0L0BTL1_LUCCU  SVCATEIKKEILDLMTCEPPSHPTCPLLPEDILAKCQARNIPPLSYNQLAVIYKLIWYQD
EcdRago1_         ...........................................PLSYNQLAVIYKLIWYQD
EcdRago3_A        ...........................................PLSYNQLAVIYKLIWYQD
EcdRago2_         ...........................................PLSYNQLAVIYKLIWYQD
4ozt_E            .......................................VKPISPEQEELIHRLVYFQN
consensus>50      .......................................PlSy#QlavIykL!w%Q#


                                610        620        630        640        650        660
                                 .          .          .          .          .          .
A0A0L0BTL1_LUCCU  GYEQPSEEDLKRIMSSPDENESQHDVSFRHITEITILTVQLIVEFAKGLPAFTKIPQEDQ
EcdRago1_         GYEQPSEEDLKRIMSSPDENESQHDVSFRHITEITILTVQLIVEFAKGLPAFTKIPQEDQ
EcdRago3_A        GYEQPSEEDLKRIMSSPDENESQHDVSFRHITEITILTVQLIVEFAKGLPAFTKIPQEDQ
EcdRago2_         GYEQPSEEDLKRIMSSPDENESQHDVSFRHITEITILTVQLIVEFAKGLPAFTKIPQEDQ
4ozt_E            EYEQPSDEDLKRISNTPSEGEDQSDLNFRHITEITILTVQLIVEFAKRLPGFDKLLREDQ
consensus>50      gYEQPS#EDLKRImssPdEnEsQhDvsFRHITEITILTVQLIVEFAKgLPaFtKipqEDQ


                                670        680        690        700        710        720
                                 .          .          .          .          .          .
A0A0L0BTL1_LUCCU  ITLLKACSSEVMMLRMARRYDHNSDSIFFANNRSYTRDSYKMAGMADNIEDLLHFCRQMY
EcdRago1_         ITLLKACSSEVMMLRMARRYDHNSDSIFFANNRSYTRDSYKMAGMADNIEDLLHFCRQMY
EcdRago3_A        ITLLKACSSEVMMLRMARRYDHNSDSIFFANNRSYTRDSYKMAGMADNIEDLLHFCRQMY
EcdRago2_         ITLLKACSSEVMMLRMARRYDHNSDSIFFANNRSYTRDSYKMAGMADNIEDLLHFCRQMY
4ozt_E            IALLKACSSEVMMLRMARRYDVGSDSILFANNQPYTRDSYSLAGMGETVDDLLRFCRQMY
consensus>50      ItLLKACSSEVMMLRMARRYDhnSDSIfFANNrsYTRDSYk$AGMa#n!#DLLhFCRQMY


                                730        740        750        760        770        780
                                 .          .          .          .          .          .
A0A0L0BTL1_LUCCU  SMKVDNVEYALLTAIVIFSDRPGLEEAELVEAIQSYYIDTLRIYILNRHCGDPMSLVFFA
EcdRago1_         SMKVDNVEYALLTAIVIFSDRPGLEEAELVEAIQSYYIDTLRIYILNRHCGDPMSLVFFA
EcdRago3_A        SMKVDNVEYALLTAIVIFSDRPGLEEAELVEAIQSYYIDTLRIYILNRHCGDPMSLVFFA
EcdRago2_         SMKVDNVEYALLTAIVIFSDRPGLEEAELVEAIQSYYIDTLRIYILNRHCGDPMSLVFFA
4ozt_E            GMKVDNAEYALLTAIVIFSERPSLIEGWKVEKIQEIYLEALKVYVDNRR..KPASGTIFA
consensus>50      sMKVDNvEYALLTAIVIFS#RPgLeEaelVEaIQsyYi#tLr!Y!lNRhcgdPmSlvfFA


                                790        800        810        820        830        840
                                 .          .          .          .          .          .
A0A0L0BTL1_LUCCU  KLLSILTELRTLGNQNAEMCFSLKLKNRKLPKFLEEIWDVHAIPPSVQSHIQATQAEKAA
EcdRago1_         KLLSILTELRTLGNQNAEMCFSLKLKNRKLPKFLEEIWDV....................
EcdRago3_A        KLLSILTELRTLGNQNAEMCFSLKLKNRKLPKFLEEIWDV....................
EcdRago2_         KLLSILTELRTLGNQNAEMCFSLKLKNRKLPKFLEEIWDV....................
4ozt_E            KLLSVLTELRTLGNLNSEMCFSLKLKNKKLPPFLAEIWDV....................
consensus>50      KLLS!LTELRTLGNqNaEMCFSLKLKNrKLPkFLeEIWDV....................


                                850        860        870        880        890        900
                                 .          .          .          .          .          .
A0A0L0BTL1_LUCCU  QEAQATTSAISAAATSSSSINTSMATSSSSSLSPSAASTPNGGAVDYVGTDMSMSLVQSD
EcdRago1_         ............................................................
EcdRago3_A        ............................................................
EcdRago2_         ............................................................
4ozt_E            ............................................................
consensus>50      ............................................................


A0A0L0BTL1_LUCCU  NA
EcdRago1_         ..
EcdRago3_A        ..
EcdRago2_         ..
4ozt_E            ..
consensus>50      ..
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