

La motif →

2° (NMR)

H.sapiens TASGGENE-REDLEQEWKPPDEELIKKLVLDQIEFYFSDENLEKDAFLKHKVRRNKLGYVSVKLLTSFKKVKHLTRDWRRTTAHALKYSVVL
 F.catus TTSSGGENE-HEDGEQEWKPPDQELIRKLVLDQIEFYFSDANLEKDAFLKHKVRRNKLGYVSVKLLTSFKKVKHLTRDWRRTTAHALKYSMSL
 M.musculus TTSSGGEND-REDLEPEWRPPDEELIRKLVLDQIEFYFSDENLEKDAFLKHKVRRNKLGYVSVKLLTSFKKVKHLTRDWRRTTAHALKYSVTL
 C.hircus TTSSGGENE-RDDLEQEWPQPPDEELIKKLVLDQIEFYFSDENLEKDAFLKHKVRRNKLGYVSVKLLTSFKKVKHLTRDWRRTTAHALKYSVTL
 B.taurus TTSSGGENE-RDDLEQEWPQPPDEELIKKLVLDQIEFYFSDENLEKDAFLKHKVRRNKLGYVSVKLLTSFKKVKHLTRDWRRTTAHALKYSVTL
 R.norvegicus TTSSGGEND-REDLEPEWKPPDEELIKKLVLDQIEFYFSDENLEKDAFLKHKVRRNKLGYVSVKLLTSFKKVKHLTRDWRRTTAHALKYSVTL
 G.gallus KASGGEND--DDSDQNWKPPENDLIQKLIQIAQIEFYFSDENLEKDAFLKHKVRRNKMGYVSVKLLTSFKKVKHLTRDWRRTTAHALKYSMDL
 M.gallopavo NSSGGEND--DDSDQNWKPPENDLIQKLIQIAQIEFYFSDENLEKDAFLKHKVRRNKMGYVSVKLLTSFKKVKHLTRDWRRTTAHALKYSMDL
 C.cornix APCGGEND--DDSDQNWKPPKDLIQLKLIQIAQIEFYFSDENLEKDAFLKHKVRRNKMGYVSVKLLTSFKKVKHLTRDWRRTTAHALKYSNTL
 P.adeliae RRNGGEND--DDSDQKWKPPENDLIQKLIQIAQIEFYFSDENLEKDAFLKHKVRRNKMGYVSVKLLTSFKKVKHLTRDWRRTTAHALKYSIDL
 C.pelagica VGSGGEND--DDSDQNWKPPENDLIQKIIAQIEFYFSDENLEKDAFLKHKVRRNKMGYVSVKLLTSFKKVKHLTRDWRRTTAHALKYSIDL
 O.hoazin O.hoazin FDF'TETLD-DSSYEGDSGIPDLKLVKIVSQVEFYLSDENLSDAFLLKHVQKNKMGYVSIKLLTSFKKIKYLTRDWRKTYALRFSEQL
 X.tropicalis ATSSGGEND-GDELQDQWKPDAELIQLKLIQIAQIEFYFSDENLEKDAFLKHKVRRNKMGYVSVKLLTSFKKVKHLTRDWRRTTAHALKYSIDL
 X.laevius ATSSGGEND-GDELQDQWKPDAELIQLKLIQIAQIEFYFSDENLEKDAFLKHKVRRNKMGYVSVKLLTSFKKVKHLTRDWRRTTAHALKYSIDL
 E.lucius GTSSGGELE-----EESWQPPDELTQKLVQIEFYFSDENLEKDAFLKHKVRRNKLGFVSVKLLTSFKKVKHLTRDWRRTTAHALKYSIDL
 O.latipes GTSSGGELE-----EESWQPPDELTQKLVQIEFYFSDENLEKDAFLKHKVRRNKLGFVSVKLLTSFKKVKHLTRDWRRTTAHALKYSIDL
 T.rubripes GTSSGGELE-----DESWKPPDELTQKLVQIEFYFSDENLEKDAFLKHKVRRNKLGFVSVKLLTSFKKVKHLTRDWRRTTAHALKYSIDL
 D.rerioA GTSSGGELE-----EESWQPPDELTQKLVQIEFYFSDENLEKDAFLKHKVRRNKLGFVSVKLLTSFKKVKHLTRDWRRTTAHALKYSIDL
 D.rerioB TDLTDVFEEDFCGELWIPNDVDTQIATQLENYLSDENLSDAFLLKHVQRNKMGYVSVKLLTSFKKIRDLTRDWRRTTAAARTSPQL
 X.maculatus GTSSGGELE-----EESWQPPDELTQKLVQIEFYFSDENLEKDAFLKHKVRRNKLGFVSVKLLTSFKKVKHLTRDWRRTTAHALKYSIDL
 Consensus_aa .s.ssp.-.....-pWbPP-.-LhpK11sQ1E@YhSDENLp+DAFLKHKVpRNKhG@Vs1KLLTSFKK1KcLTRDWRRTT@AL+@s..L

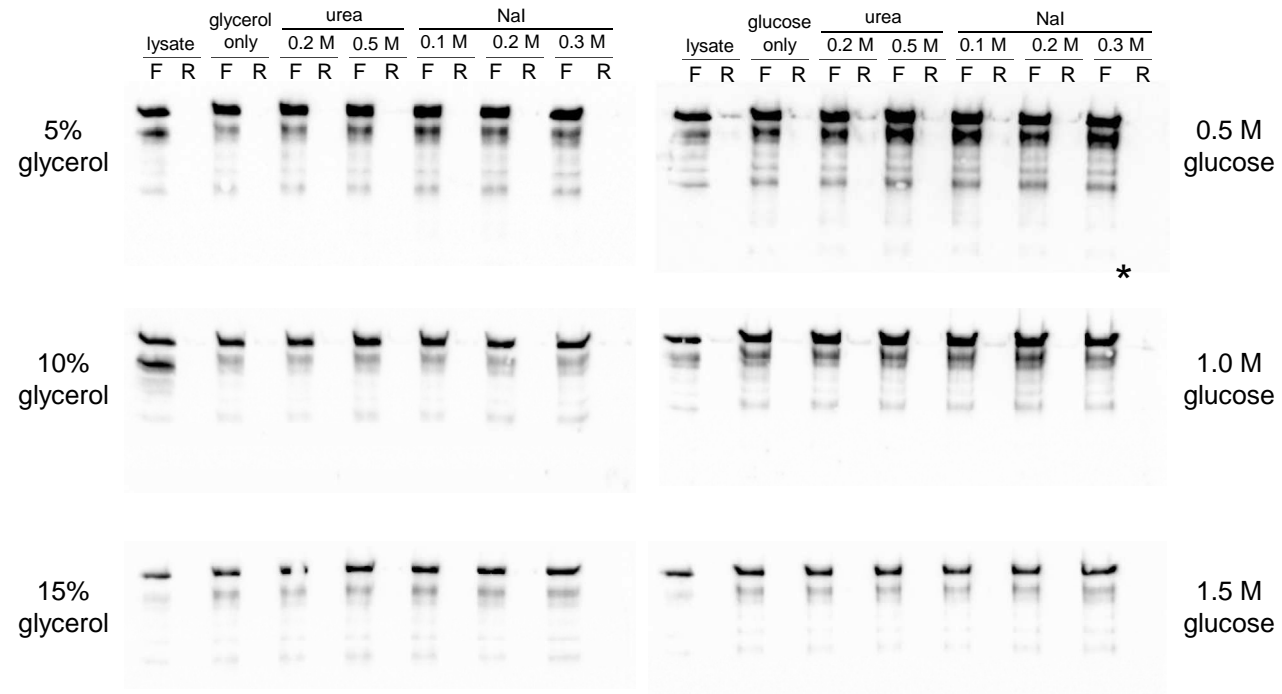
2° (NMR)

H.sapiens ELNEDHRKVRRTTPVPLFPNENLPSKMLLVYDLYLSPKLWALAT-----PQKNGRVQEKVMEHLLKLFGTFGVISSVRLKPGRELPP
 F.catus ELNEDHRKVRRTTPVPLFPNENLPSKMLLVYDLYLSPKLWALAT-----PQKNGRVQEKVMEHLLKLFGTFGVISSVRLKPGRELPP
 M.musculus ELNEDHRKVRRTTPVPLFPNENLPSKMLLVYDLHLSPKLWALAT-----PQKNGRVQEKVMEHLLKLFGTFGVISSVRLKPGRELPP
 C.hircus ELNEDHRKVRRTTPVPLFPNENLPSKMLLVYDLYLSPKLWALAT-----PQKNGRVQEKVMEHLLKLFGTFGVISSVRLKPGRELPP
 B.taurus ELNEDHRKVRRTTPVPLFPNENLPSKMLLVYDLYLSPKLWALAT-----PQKNGRVQEKVMEHLLKLFGTFGVISSVRLKPGRELPP
 R.norvegicus ELNEDHRKVRRTTPVPLFPNENLPSKMLLVYDLHLSPKLWALAT-----PPKNGRVQEKVMEYLLKLFGTFGVISSVRLKPGRELPP
 G.gallus ELNDDNRKVRRTTPVPVFPSENLPTRMLLVYDIHMISELQGLN-----QENGCIQEKVMEYLLKAFVTFGVISSVRLKPGRELPP
 M.gallopavo ELNDDNRKVRRTTPVPVFPSENLPTRMLLVYDIHMISELQGL-K-----QENGCIQEKVMEYLLKAFVTFGVISSVRLKPGRELPP
 C.cornix ELNDDNRKVRRTTPVPVFPSENLPTRMLLVYDIHMISELQTLN-----EENGCMQERIMEHLLKAFVTFGVISSVRLKPGRELPP
 P.adeliae ELNDDNRKVRRTTPVPVFPSENLPTRMLLVYDIHMISELQALN-----QQENGCMQERIMEHLLKAFVTFGVISSVRLKPGDLPP
 C.pelagica ELNDDNRKVRRTTPVPVFPSENLPTRMLLVYDIHMISELQALN-----QQENGCMQERIMEHLLKAFVTFGVISSVRLKPGDLPP
 O.hoazin ELNDDNRKVRRTTPVPVFPSENLPTRMLLVYDIHMISELQTHN-----QQENGCMQERIMEHLLKAFVTFGVISSVRLKPGDLPP
 X.tropicalis EVNDEETKVRRTTPVPLFPNENLPSKMLLVYDLYLSPKLWALAT-----RSFSCQKLNMEIVTSVFATYGLTISRILKPKGKEVPS
 X.laevius ELNEDNRKIRRTPVPVFPSENLPKMLLVYDLHFIPELNLCLGK-----EQENGGMQEKIMEHLLKSFAGFVGISSVRLKPGRELPP
 E.lucius ELNEEGRKVRRTTPVPVFPASELPSRMLLLSDLQSWPELGVMEAGAGDGSSEGGATQEQQLMKLLKAFGTGFAIASVRLKPGDLPA
 O.latipes ELNEEGRKVRRTTPVPVFPASELPSRMLLLSDLQKWPDLAVLTK---ENGSGEGGATQEQQLMKLLKAFGTGFAIASVRLKPGDLPA
 T.rubripes ELNEEGRKVRRTTPVPVFPASELPSRMLLLSDLQKWPDLAVLTK---DPGGEGGPPQEQQLMKLLKAFGTGFAIASVRLKPGDLPA
 D.rerioA ELNDEGRKVRRTTPVPVFPASELPSRMLLLSELKRWPELGIALG---GDSNNGSGPTQERLMEHLLKAFGNYGPIASVRLKPGDLPA
 D.rerioB EVNEMGTKVRRTTPVPDWLICPTSKLLLAWNFLDAGAPVKE-K-----FESPGVEQLGIMEAAMRVFSPYGTISSLRILRPGKEIPA
 X.maculatus ELNDEGRKVRRTTPVPVFPASELPSRMLLLSDLQKWPDLAVLTK---DNNGSNGGATQEQQLMKLLKAFGTGFAIASVRLKPGDLPA
 Consensus_aa E1N-.-pKVRrposVps@.....Po+hLL1.s1...sc...bsp.....ppstsbQcp1MEhh+hFts@GhIoSlR1LKPG+-1Ps

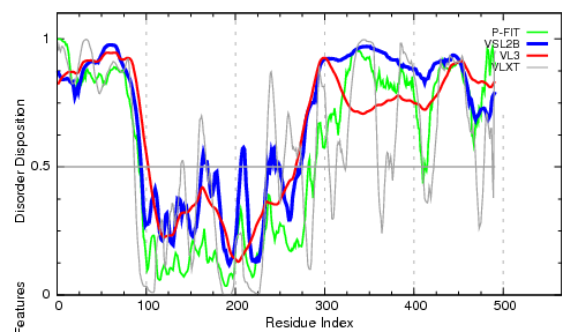
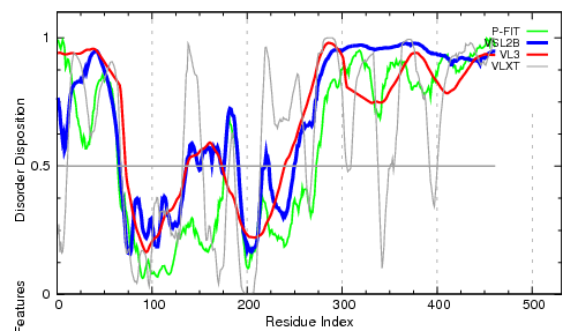
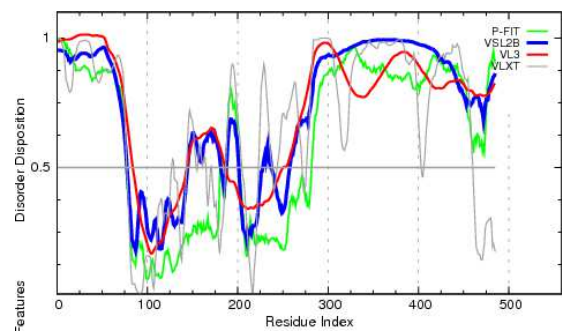
2° (NMR)

H.sapiens DIRRISSRYSQVGTQECALVEFEEVEAAIKAEHFMTES--QGKEN-MKAVLIGMKPPKKPKD-KNHDEEP--TASIHNLKSLNKRVE
 F.catus DIRRVSSRYSQVGTQECALVEFEEVEAAIKAEHFMTES--QGREN-MKAVLIGMKPPKKPKD-KNQDEEP--TASIHNLKSLNKRVE
 M.musculus DIRRISSRYSQVGTQECALVEFEEVEAAIKAEHFMTES--QSKEN-MKAVLIGMKPPKKPKD-KNHDEA--TAGTHLSRSLNKRVE
 C.hircus DIRRISNRYSQVGTQECALVEFEEVEAAIKAEHFMTES--QGREN-MKAVLIGMKPPKKPKD-KNHDEEP--TASIHNLKSLNKRVE
 B.taurus DIRRISNRYSQVGTQECALVEFEEVEAAIKAEHFMTES--QGREN-MKAVLIGMKPPKKPKD-KNHDEEP--TASIHNLKSLNKRVE
 R.norvegicus DIRRISSRYSQVGTQECALVEFEEVEAAIKAEHFMTES--QGKEN-MKAVLIGMRPPKKPKD-KNHDEEP--AAGTRLSRSLNKRVE
 G.gallus DIRRFSSRYTQMGTECALVEFEEVEAAIKAEHFMTES--KETG-MKVVLIGMKPPKKVPKD-KNHDEEDS--SKSLKIRSLNKRVE
 M.gallopavo DIRRFSSRYTQMGTECALVEFEEVEAAIKAEHFMTES--KETG-MKVVLIGMKPPKKVPKD-KNRDED--SKSLKIRSLNKRVE
 C.cornix DIRRVSNRYTQMGTECALVEFEEVEAAIKAEHFMTES--KETG-MKVVLIGMKPPKKVPKD-KNRDED--SKSLKIRSLNKRVE
 P.adeliae DIRRVSSRYTQMGTECALVEFEEVEAAIKAEHFMTES--KETG-MKVVLIGVKKPPKKVPKD-KNHDEEDT--SKSLKARSLNKRVE
 C.pelagica DIRRVSNRYTQMGTECALVEFEEVEAAIKAEHFMTES--KETG-MKVVLIGMKPPKKVPKD-KNHDEEDT--SKSLKARSLNKRVE
 O.hoazin DIRRVSNRYTQMGTECALVEFEEVEAAIKAEHFMTES--KETG-MKVVLIGMKPPKKVPKD-KNCDEGT--SKSLKARSLNKRVE
 X.tropicalis DIRKYSRYPELSTRNCALVEFEEVEAAIKAEHFMTES--SSTNIDRIKIVPVSGRGTRKKNVID-TAEQEDL-DLPDKMTRKEIRAME
 X.laevius DVKRFSSRYTQMGTECALVEFEEVEAAIKAEHFMTES--TDEDG-LKVVLIGMKPPKKVPKD-KSKEED--SKNVRNKLNKRVE
 E.lucius DLKLLSGRYTQMGTECALVEFEEVEAAIKAEHFMTES--SLG-LKVVLIGTKPPKKVPKDQRQREEG--VGGMRKSRSLNKRVE
 O.latipes DLKRLSGRYTQMGTECALVEFEEVEAAIKAEHFMTES--SLG-LKVVLIGTKPPKKVPKE-RPREE--GGMRKSRSLNKRVE
 T.rubripes DLKRLSGRYTQMGTECALVEFEEVEAAIKAEHFMTES--SLG-LKVVLIGTKPPKKVPKE-RPREE--GGMRKSRSLNKRVE
 D.rerioA DLKLLSGRYTQMGTECALVEFEEVEAAIKAEHFMTES--SLG-LKVVLIGTKPPKKVPKD-RPRDEG--IGMRKSRSLNKRVE
 D.rerioB ELKRYTKHLELGRKVCVVVEYEELEAGKAFALVVEE-QQGGG-ICVVLIGSRGTRKPGCSQ-GLVDEEQEDCIDIVLKRPRDKAR
 X.maculatus DLKRLSGRYTQMGTECALVEFEEVEAAIKAEHFMTES--SLG-LKVVLIGTKPPKKVPKE-RPREE--GGMRKSRSLNKRVE
 Consensus_aa D1++hosRYsp1tsppCA1VE@Ep1-tA.+Ah-hh.sc.....s.hKVVLIG.+ss+KKssp-.p.-.-E-.....sh+b.+pbsp+hC

Supplemental Figure 1.



Supplemental Figure 2.

***HsLARP6******XmLARP6******DrLARP6a*****Supplemental Figure 3.**