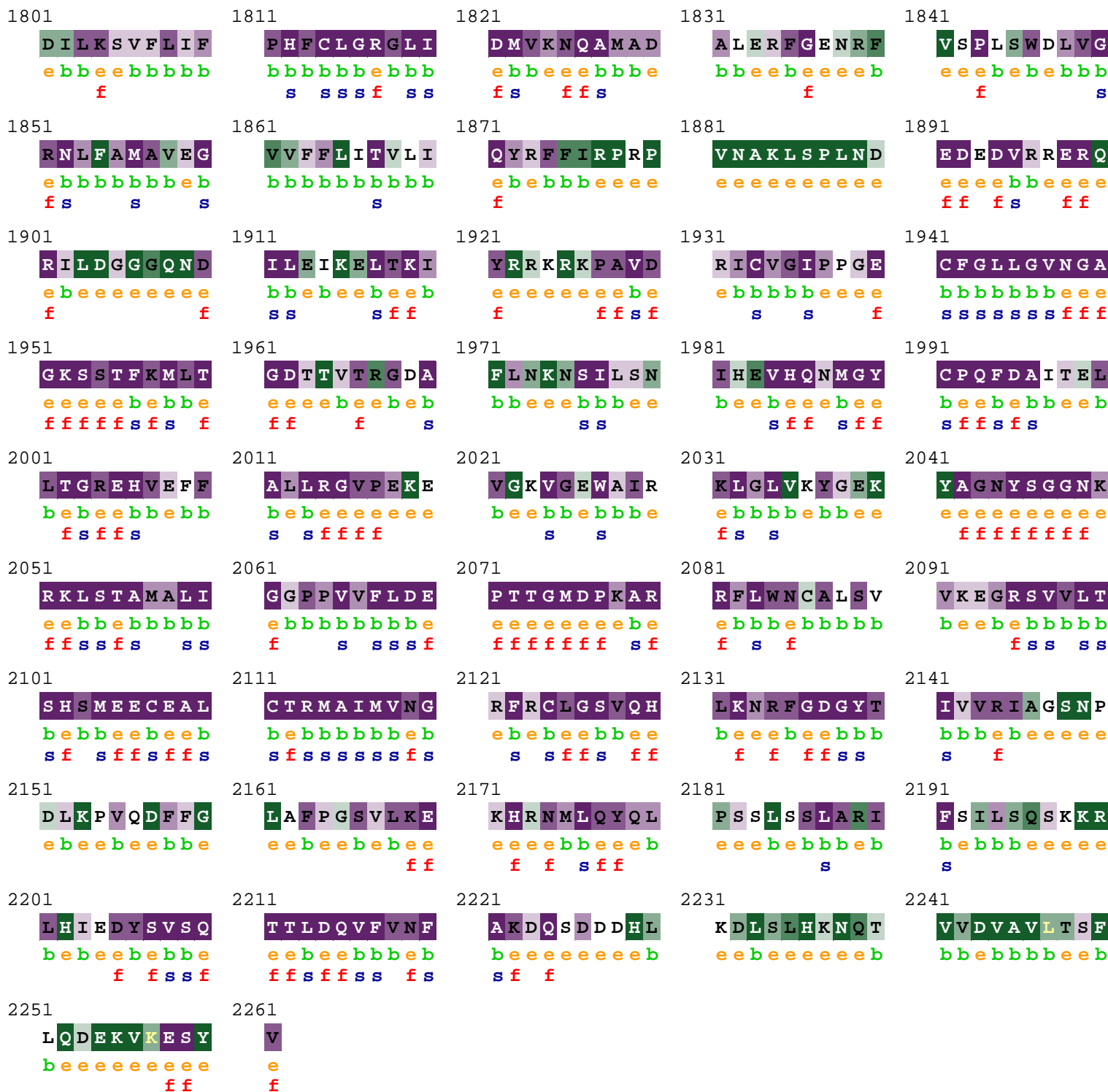


ConSurf Results

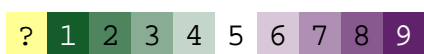


601 EQAIIRVLTG eebbbbee f	611 TEKKTGVYMQ eeeeebbbe f f	621 QMPYPICYVDD ebbbbbee f fffs sff	631 IFLRVMSRSM bbbbbbbeb f	641 PLFMTLAWIY ebbbbbbbb f s
651 SVAVIKGI bbbbbbbeb s s f s	661 YEKEARLKET beebbeeb fff fsff	671 MRIMGLDNSI bebbbbee f s	681 LWFSWFISL bbbbbbbeb s s fs	691 IPLLVSAGLL bbbbbbbbbb s
701 VVIKLGNNL bbbbeebbb s s	711 PYSDPSSVVFV beebbbb sf	721 FLSVFAVVTI bbbbbbbbbb s sss	731 LQCFLISTLF bbbbbbbbbb ss s s	741 SRANLAAACG beebbbbbe sf s ssf
751 GIIFYFTLYLP bbbbbbbbbb s s sss	761 YVLCVAWQDY bbbbbbbee s s f	771 VGFTLKIFAS beebbebbe f f	781 LLSPVAFGFG bbbbebbb s ssss s	791 CEYFALFEEQ beebbebee sf f fff
801 GIGVQWDNLF ebebebee f f fs f	811 ESPVEEDGFN eeeeeebe ff f	821 LTTSVSMMLF bbbbbbbbbb s	831 DTFLYGVMW bbbbbbbbbb s s	841 YIEAVFPGQY beebbebee s f s fs
851 GIPRPWFYPC bbeebbbb s	861 TKSYWFGES eeebbeeee f	871 DEKSHPGSNQ eeeeeeeeee f	881 KRISEICMEE eeeeebbee f	891 EPTHLKLGV eeebbebbb f ss
901 IQNLVKVYRD beebbebee s f s	911 GMKVAVDGLA eeebbebee ss f	921 LNFYEGQITS beebbeebb s f fsss	931 FLGHNGAGKT bebeeeeeee fsffffffffff	941 TTMSILTGLF eebbbbbbb ff s ss
951 PPTSGTAYIL beebbebee s fffff	961 GKDIRSEMST beebbebee s fs	971 IRQNLGVCPQ beebbebee sf f sff	981 HNVLFDMMLTV eebbbebeb f ss sfs	991 EEHIWFYARL eebbbebeb ffs ss
1001 KGLSEKHVKA eeeeeebee ff s	1011 EMEQMALDVG ebeebbeee f f f	1021 LPSSKLKSKT beeeeeeeee s fff	1031 SQLSGMQRK eebeebbee s fffsffff	1041 LSVALAFVGG bbbbbbbee ssss sssff
1051 SKVVIILDEPT bebbbbbee fss ssfff	1061 AGVDPYSRRG eebbbebeb ffssf sff	1071 IWELLKRYRQ bebbbebee ssfs sssfs	1081 GRTIILSTHH eebbbbbbb ffsss ssss	1091 MDEADVLGDR beebbebee sffsf sfff
1101 IAIISHGKLC bbbbbebeb ssss s	1111 CVGSSSLFLKN beebbebee s fsf sf	1121 QLGTGYLTL eeebbbb f s ss	1131 VKKDVESSL beeeeeeee sf	1141 SCRNSSSTVS eeeeeeeee f
1151 YLKKEDSVSQ eeeeeeeeee	1161 SSSDAGLGSD eeeeeeeeee	1171 HESDTLTIDV eeebbebeb	1181 SAISNLIKHK ebbbbebee	1191 VSEARLVEDI beebbebeb f

1201 GHELT YVLPY eeebbbbbee ff f	1211 EAAKEGAFVE eeeeeebbbe f	1221 LFHEIDDRLS bbeebbeebe f	1231 DLGISSYGIS ebbbbbbbbbb ss s	1241 ETTLEEIFLK ebbbeebbbe fs sff
1251 VAEESGVDAE bbeeeeeeee s	1261 TSDGTLPARR eeeeeeeeeee	1271 NRRAFGDKQS eeeeeeeeeee	1281 CLRPFTEDDA beeeeeeeee	1291 ADPNDSDIDP eeeeeeeeeee
1301 ESRETDLLSG eeeeeeeeeee	1311 MDGKGSYQVK eeeeeeeeeebe	1321 GWKLTQQQFV ebabeebebe f	1331 ALLWKRLLIA bbbbeebbeb ss ff	1341 RRSRKGFFAQ eeeeeebbbe ff f sf
1351 IVLPAV FVCI bbbebbbbbb f s	1361 ALVFSLIVPP bbbbbbbbbbe f	1371 FGKYPSLELQ beeeeeebbb f	1381 PWMYNEQYTF ebbeeeebbb f f f s	1391 VSNDAPEDTG beeeeeeeee f f
1401 TLELLNALTK beebbeebbe	1411 DPGF GTRCME eeeeebbebe ff s	1421 GNPIPDTPCQ eeeeeeeebe s	1431 AGEEWT TAP eeeeeeeeeee	1441 VPQTIMDLFQ eeebbeebbe
1451 NGNWTMQNPS eeebbeeeee ff	1461 PACQCSSDKI eebebeeeee f s sf	1471 KKMLPVCPPG eebeebbebe f f sf f	1481 AGGLPPPQRK eeeeeeeeeee fff ffff	1491 QNTADILQDL eeeeebbeeb f
1501 TGRNISDYLV eeebbeebbb f ff sf	1511 KTYVQIIAKS ebbbeebbee fs	1521 LKNKIWVNEF beeeebbeeb	1531 RYGGFSLGVS ebbbbbbbbe ffss ss	1541 NTQALPPSQE eeebbeeeee
1551 VNDAIKQMKK beebbeebbe	1561 HLKLA KDSSA ebebeeeeeb	1571 DRFLNSLGRF eebbeebbeb	1581 MTGLDTKNNV beeeeeeeeb f	1591 KVWFNNKGWH ebbbeeebe f s ffff f
1601 AISSFLNVIN bbbbbbbbbbb s s	1611 NAILRANLQK ebbbebebebe f sf s	1621 GENP SHYGIT eeeeeebbbe ss	1631 AFNHPLNLTK bbbebeebbe fsfsfssf	1641 QQLSEVALMT eebeebbbb ffsf
1651 TSVDVLVSIC bbbebbbbbb sss fs sss	1661 VIFAMSFVPA bbbbbbbbbe s sssss fs	1671 SFVVFLIQER bbbbbbbeee sssssssf ff	1681 VSKAKHLQFI beeeeebebb s fff f	1691 SGVKPVIYWL eebebbbbbb ffs s ss
1701 SNFVWDMCNY bbbbbbbbbe ss fs	1711 VVPATLVIII bbbbbbbbbbb s s s	1721 FICFQQKSYV bbbeeeeeee s sff ff	1731 SSTNLPVLAL eeebbebbbbb f fsf s	1741 LLL LYGWSIT bbbbbbbbbbb ss ssss s
1751 PLMYPASFVF bbbbbbbbbbb s sssss s	1761 KIPSTAYVVL ebebeebbbb fsfsss s	1771 TSVNLFIGIN bbbbbbbbbbb s sssssss	1781 GSVATFVLEL bbbbbbbbbe s ss f	1791 FTDNKLNNIN beeebeebbe f



The conservation scale:



Variable Average Conserved

- e - An exposed residue according to the neural-network algorithm.
- b - A buried residue according to the neural-network algorithm.
- f - A predicted functional residue (highly conserved and exposed).

- s** - A predicted structural residue (highly conserved and buried).
- *** - Insufficient data - the calculation for this site was performed on less than 10% of the sequences.