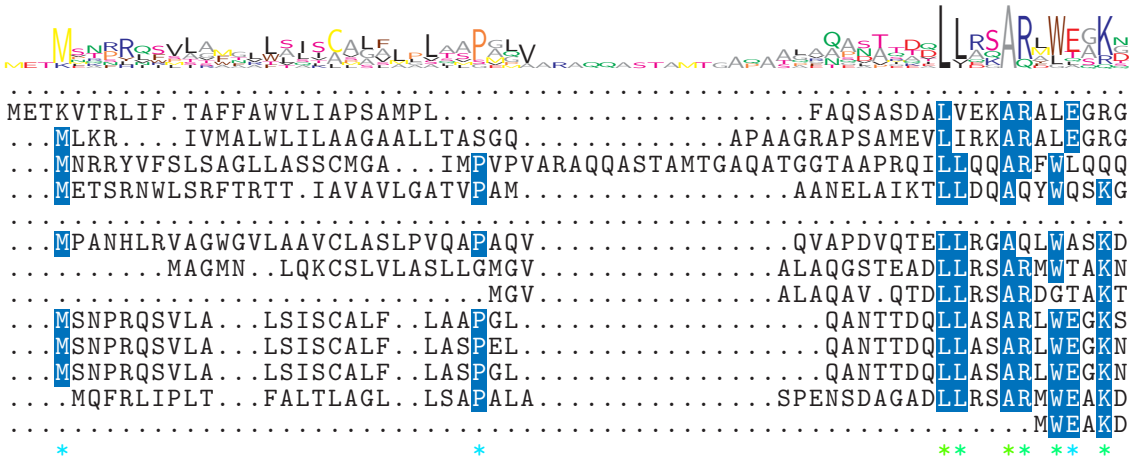


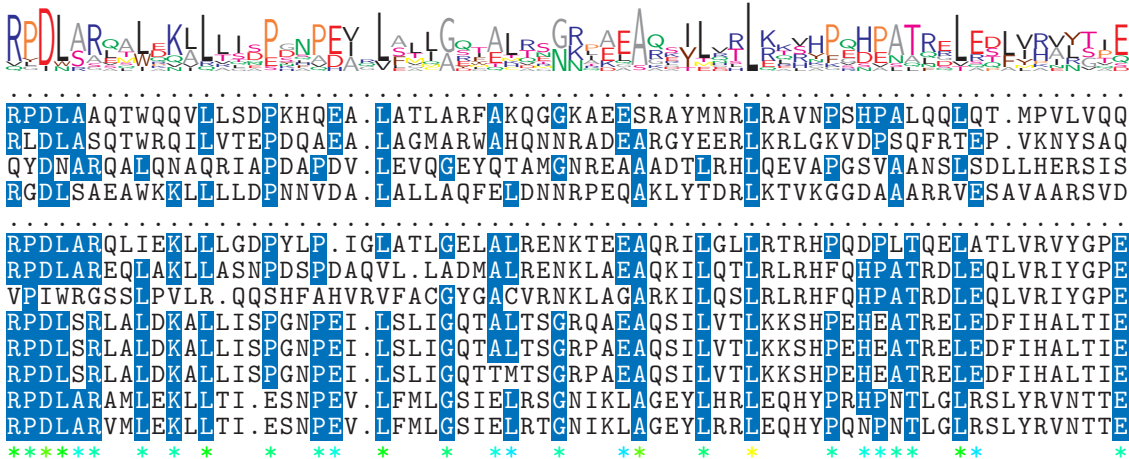
logo

o:Solibacterales, g:Bryobacter, Kalu.261
o:Solibacterales, g:Bryobacter, Fred.662
o:Solibacterales, g:Paludibaculum, Skiv.396
o:Rhodospirillales, g:Komagataeibacter, QUERY
o:Betaproteobacteriales, g:Rhodoferax, Aved.394
o:Betaproteobacteriales, g:Rhodoferax, EsbW.485 (merged)
o:Betaproteobacteriales, g:Simplicispira, EsbW.453
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 A
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 B (merged)
o:Betaproteobacteriales, g:Dechloromonas, Skiv.078 sub
o:Betaproteobacteriales, g:Dechloromonas, EsbW.050
o:Betaproteobacteriales, g:Dechloromonas, Hade.364
o:Betaproteobacteriales, g:Nitrotoga, OdNE.187
o:Betaproteobacteriales, g:Nitrotoga, Skiv.176 (merged)
consensus



logo

o:Solibacterales, g:Bryobacter, Kalu.261
o:Solibacterales, g:Bryobacter, Fred.662
o:Solibacterales, g:Paludibaculum, Skiv.396
o:Rhodospirillales, g:Komagataeibacter, QUERY
o:Betaproteobacteriales, g:Rhodoferax, Aved.394
o:Betaproteobacteriales, g:Rhodoferax, EsbW.485 (merged)
o:Betaproteobacteriales, g:Simplicispira, EsbW.453
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 A
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 B (merged)
o:Betaproteobacteriales, g:Dechloromonas, Skiv.078 sub
o:Betaproteobacteriales, g:Dechloromonas, EsbW.050
o:Betaproteobacteriales, g:Dechloromonas, Hade.364
o:Betaproteobacteriales, g:Nitrotoga, OdNE.187
o:Betaproteobacteriales, g:Nitrotoga, Skiv.176 (merged)
consensus



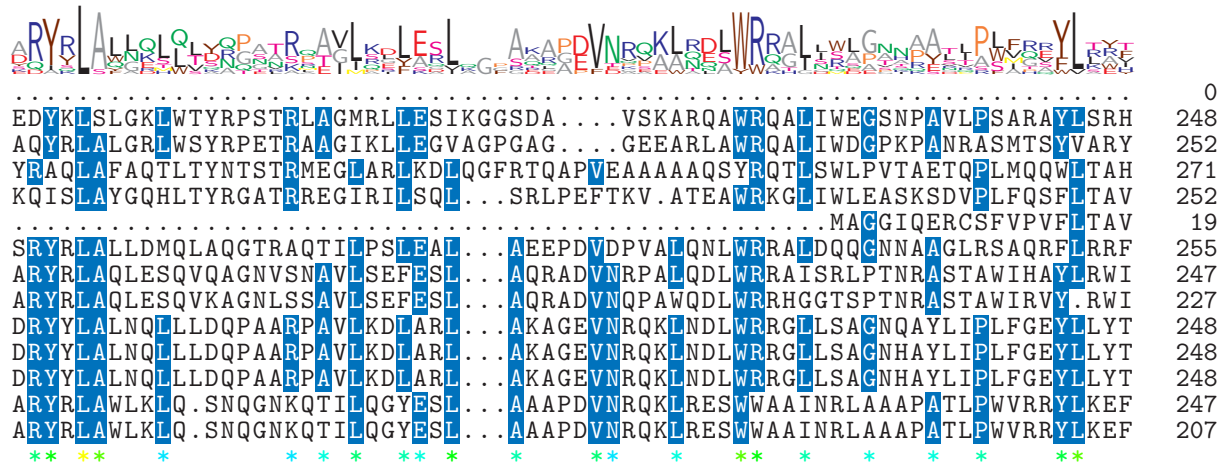
logo

o:Solibacterales, g:Bryobacter, Kalu.261
o:Solibacterales, g:Bryobacter, Fred.662
o:Solibacterales, g:Paludibaculum, Skiv.396
o:Rhodospirillales, g:Komagataeibacter, QUERY
o:Betaproteobacteriales, g:Rhodoferax, Aved.394
o:Betaproteobacteriales, g:Rhodoferax, EsbW.485 (merged)
o:Betaproteobacteriales, g:Simplicispira, EsbW.453
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 A
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 B (merged)
o:Betaproteobacteriales, g:Dechloromonas, Skiv.078 sub
o:Betaproteobacteriales, g:Dechloromonas, EsbW.050
o:Betaproteobacteriales, g:Dechloromonas, Hade.364
o:Betaproteobacteriales, g:Nitrotoga, OdNE.187
o:Betaproteobacteriales, g:Nitrotoga, Skiv.176 (merged)
consensus



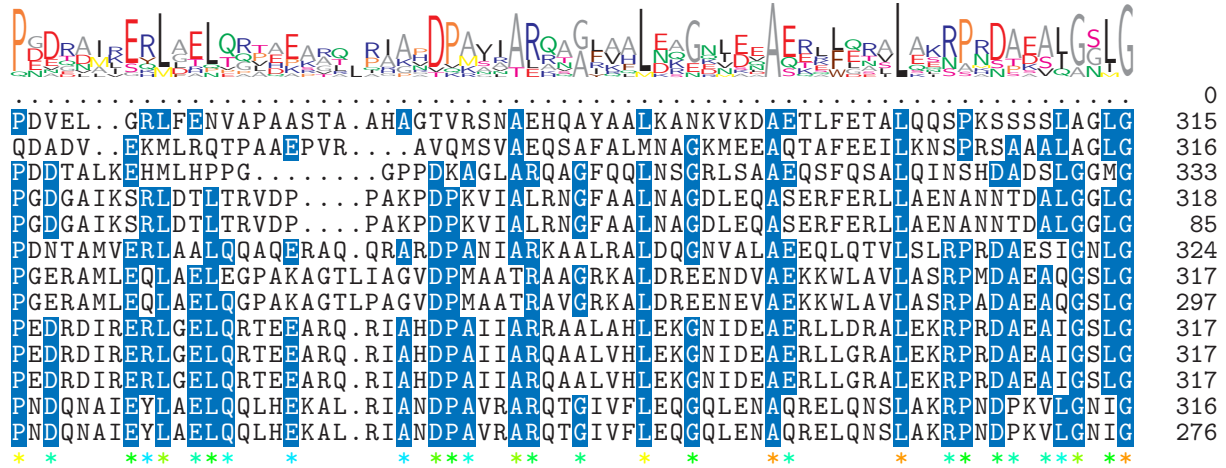
logo

o:Solibacterales, g:Bryobacter, Kalu.261
o:Solibacterales, g:Bryobacter, Fred.662
o:Solibacterales, g:Paludibaculum, Skiv.396
o:Rhodospirillales, g:Komagataeibacter, QUERY
o:Betaproteobacteriales, g:Rhodoferax, Aved.394
o:Betaproteobacteriales, g:Rhodoferax, EsbW.485 (merged)
o:Betaproteobacteriales, g:Simplicispira, EsbW.453
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 A
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 B (merged)
o:Betaproteobacteriales, g:Dechloromonas, Skiv.078 sub
o:Betaproteobacteriales, g:Dechloromonas, EsbW.050
o:Betaproteobacteriales, g:Dechloromonas, Hade.364
o:Betaproteobacteriales, g:Nitrotoga, OdNE.187
o:Betaproteobacteriales, g:Nitrotoga, Skiv.176 (merged)
consensus



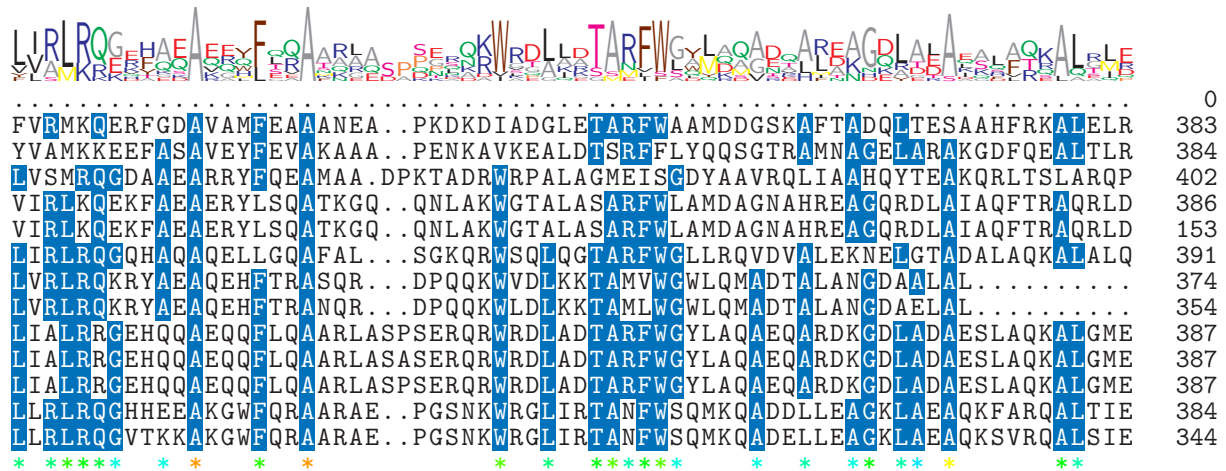
logo

o:Solibacterales, g:Bryobacter, Kalu.261
o:Solibacterales, g:Bryobacter, Fred.662
o:Solibacterales, g:Paludibaculum, Skiv.396
o:Rhodospirillales, g:Komagataeibacter, QUERY
o:Betaproteobacteriales, g:Rhodoferax, Aved.394
o:Betaproteobacteriales, g:Rhodoferax, EsbW.485 (merged)
o:Betaproteobacteriales, g:Simplicispira, EsbW.453
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 A
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 B (merged)
o:Betaproteobacteriales, g:Dechloromonas, Skiv.078 sub
o:Betaproteobacteriales, g:Dechloromonas, EsbW.050
o:Betaproteobacteriales, g:Dechloromonas, Hade.364
o:Betaproteobacteriales, g:Nitrotoga, OdNE.187
o:Betaproteobacteriales, g:Nitrotoga, Skiv.176 (merged)
consensus



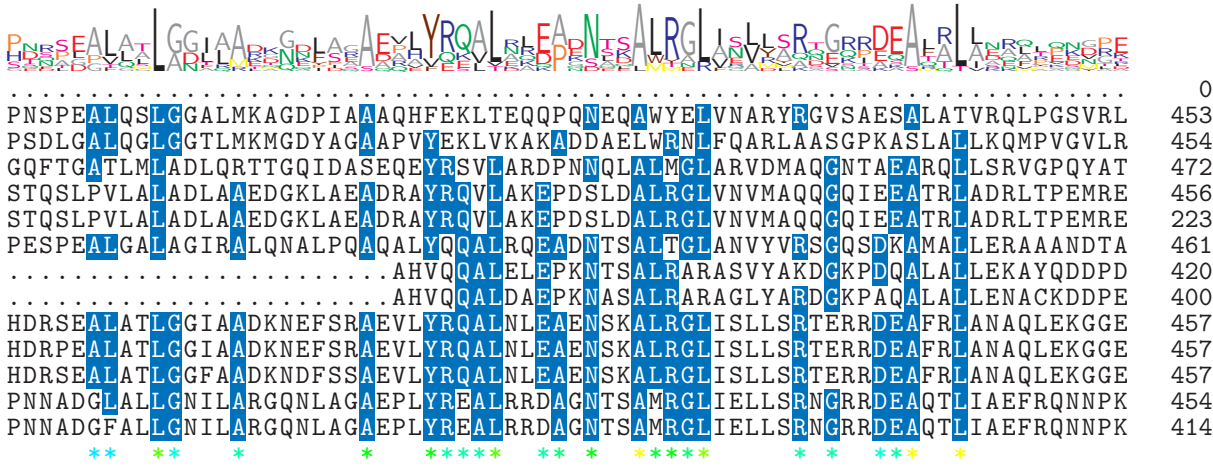
logo

o:Solibacterales, g:Bryobacter, Kalu.261
o:Solibacterales, g:Bryobacter, Fred.662
o:Solibacterales, g:Paludibaculum, Skiv.396
o:Rhodospirillales, g:Komagataeibacter, QUERY
o:Betaproteobacteriales, g:Rhodoferax, Aved.394
o:Betaproteobacteriales, g:Rhodoferax, EsbW.485 (merged)
o:Betaproteobacteriales, g:Simplicispira, EsbW.453
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 A
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 B (merged)
o:Betaproteobacteriales, g:Dechloromonas, Skiv.078 sub
o:Betaproteobacteriales, g:Dechloromonas, EsbW.050
o:Betaproteobacteriales, g:Dechloromonas, Hade.364
o:Betaproteobacteriales, g:Nitrotoga, OdNE.187
o:Betaproteobacteriales, g:Nitrotoga, Skiv.176 (merged)
consensus



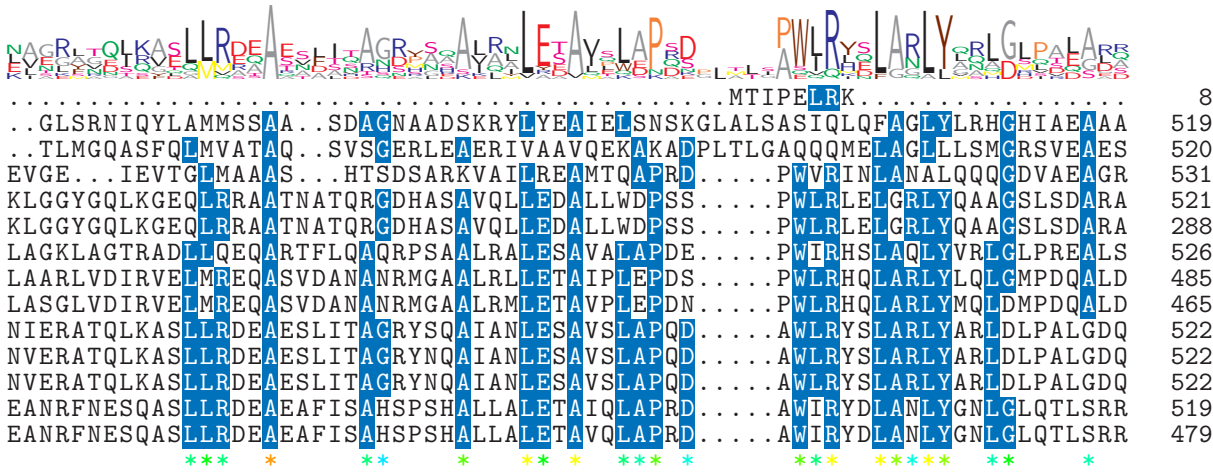
logo

o:Solibacterales, g:Bryobacter, Kalu.261
o:Solibacterales, g:Bryobacter, Fred.662
o:Solibacterales, g:Paludibaculum, Skiv.396
o:Rhodospirillales, g:Komagataeibacter, QUERY
o:Betaproteobacteriales, g:Rhodoferax, Aved.394
o:Betaproteobacteriales, g:Rhodoferax, EsbW.485 (merged)
o:Betaproteobacteriales, g:Simplicispira, EsbW.453
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 A
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 B (merged)
o:Betaproteobacteriales, g:Dechloromonas, Skiv.078 sub
o:Betaproteobacteriales, g:Dechloromonas, EsbW.050
o:Betaproteobacteriales, g:Dechloromonas, Hade.364
o:Betaproteobacteriales, g:Nitrotoga, OdNE.187
o:Betaproteobacteriales, g:Nitrotoga, Skiv.176 (merged)
consensus



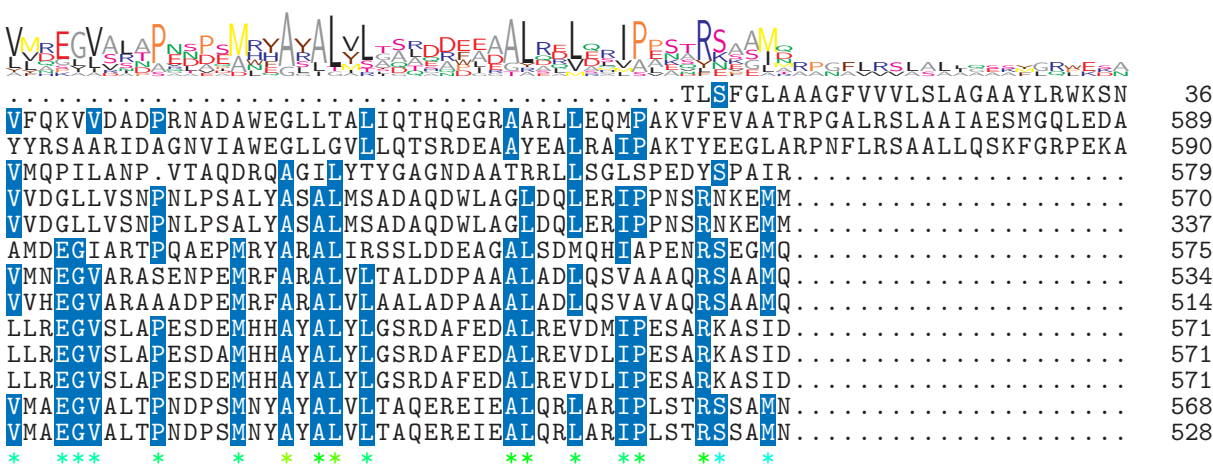
logo

o:Solibacterales, g:Bryobacter, Kalu.261
o:Solibacterales, g:Bryobacter, Fred.662
o:Solibacterales, g:Paludibaculum, Skiv.396
o:Rhodospirillales, g:Komagataeibacter, QUERY
o:Betaproteobacteriales, g:Rhodoferax, Aved.394
o:Betaproteobacteriales, g:Rhodoferax, EsbW.485 (merged)
o:Betaproteobacteriales, g:Simplicispira, EsbW.453
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 A
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 B (merged)
o:Betaproteobacteriales, g:Dechloromonas, Skiv.078 sub
o:Betaproteobacteriales, g:Dechloromonas, EsbW.050
o:Betaproteobacteriales, g:Dechloromonas, Hade.364
o:Betaproteobacteriales, g:Nitrotoga, OdNE.187
o:Betaproteobacteriales, g:Nitrotoga, Skiv.176 (merged)
consensus



logo

o:Solibacterales, g:Bryobacter, Kalu.261
o:Solibacterales, g:Bryobacter, Fred.662
o:Solibacterales, g:Paludibaculum, Skiv.396
o:Rhodospirillales, g:Komagataeibacter, QUERY
o:Betaproteobacteriales, g:Rhodoferax, Aved.394
o:Betaproteobacteriales, g:Rhodoferax, EsbW.485 (merged)
o:Betaproteobacteriales, g:Simplicispira, EsbW.453
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 A
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 B (merged)
o:Betaproteobacteriales, g:Dechloromonas, Skiv.078 sub
o:Betaproteobacteriales, g:Dechloromonas, EsbW.050
o:Betaproteobacteriales, g:Dechloromonas, Hade.364
o:Betaproteobacteriales, g:Nitrotoga, OdNE.187
o:Betaproteobacteriales, g:Nitrotoga, Skiv.176 (merged)
consensus



o:Solibacterales, g:Bryobacter, Kalu.261
o:Solibacterales, g:Bryobacter, Fred.662
o:Solibacterales, g:Paludibaculum, Skiv.396
o:Rhodospirillales, g:Komagataeibacter, QUERY
o:Betaproteobacteriales, g:Rhodoferax, Aved.394
o:Betaproteobacteriales, g:Rhodoferax, EsbW.485 (merged)
o:Betaproteobacteriales, g:Simplicispira, EsbW.453
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 A
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 B (merged)
o:Betaproteobacteriales, g:Dechloromonas, Skiv.078 sub
o:Betaproteobacteriales, g:Dechloromonas, EsbW.050
o:Betaproteobacteriales, g:Dechloromonas, Hade.364
o:Betaproteobacteriales, g:Nitrotoga, OdNE.187
o:Betaproteobacteriales, g:Nitrotoga, Skiv.176 (merged)
consensus

Sequence	Position 12
DTAMHPVAVETTK TPEELLHLA	93
EKYLEKAIISLDTKVNEASHTAVQLQLAHLWLAQCHNQRAEALLRD	659
EELLARLLKSDIPAPERS . . SALLMMASTLLAKGDAQAQDEMASRLVESDPLNSDAWKILLAAKQQRKLP	658
. . SIA EEMQIKEDL . . ASRLS . . MVPNPVPLIREALAPP . .	612
. . ALQ RRLWVRAQADRASVILARSGQIPAAKQLLRQIEPSA	608
. . ALQ RRLWVRAQADRASVILARSGQIPAAKQLLRQIEPSA	375
. . ELV QRVSVNRLIAQATGTQTHANAAAADALQRAEALA	613
. . TLE QRVTVDLYIRQASSGT DARAQAQGLRDVEDMV	569
. . TLE ERVTVDVYIRQASSS GIEGLREVENMV	544
. . ELE SRLWVQLRGQQARELFANGNRDEARRMLLLAEPMAA	610
. . ELE SRLWVQLRGQQARELFANGNRDEARRMLLLAEPMAA	610
. . ELE SRLWVQLRGQQARELFANGNRDEARRMLLLAEPMAA	610
. . ELE TRTWIKLRIRQATKLAQAGRRDEAIRMLLLAEPQRAA	607
. . ELE TRTWIKLRIRQATKLAQAGRRDEAIRMLLLAEPQRAA	567

o:Solibacterales, g:Bryobacter, Kalu.261
o:Solibacterales, g:Bryobacter, Fred.662
o:Solibacterales, g:Paludibaculum, Skiv.396
o:Rhodospirillales, g:Komagataeibacter, QUERY
o:Betaproteobacteriales, g:Rhodoferax, Aved.394
o:Betaproteobacteriales, g:Rhodoferax, EsbW.485 (merged)
o:Betaproteobacteriales, g:Simplicispira, EsbW.453
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 A
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 B (merged)
o:Betaproteobacteriales, g:Dechloromonas, Skiv.078 sub
o:Betaproteobacteriales, g:Dechloromonas, EsbW.050
o:Betaproteobacteriales, g:Dechloromonas, Hade.364
o:Betaproteobacteriales, g:Nitrotoga, OdNE.187
o:Betaproteobacteriales, g:Nitrotoga, Skiv.176 (merged)
consensus

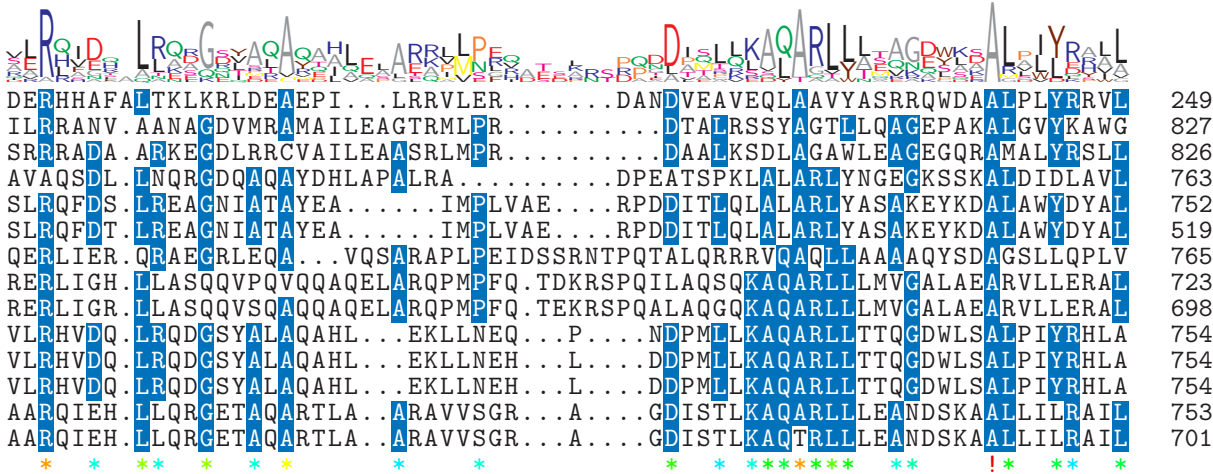
[illegible]

o:Solibacterales, g:Bryobacter, Kalu.261
o:Solibacterales, g:Bryobacter, Fred.662
o:Solibacterales, g:Paludibaculum, Skiv.396
o:Rhodospirillales, g:Komagataeibacter, QUERY
o:Betaproteobacteriales, g:Rhodoferax, Aved.394
o:Betaproteobacteriales, g:Rhodoferax, EsbW.485 (merged)
o:Betaproteobacteriales, g:Simplicispira, EsbW.453
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 A
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 B (merged)
o:Betaproteobacteriales, g:Dechloromonas, Skiv.078 sub
o:Betaproteobacteriales, g:Dechloromonas, EsbW.050
o:Betaproteobacteriales, g:Dechloromonas, Hade.364
o:Betaproteobacteriales, g:Nitrotoga, OdNE.187
o:Betaproteobacteriales, g:Nitrotoga, Skiv.176 (merged)
consensus

[illegible]

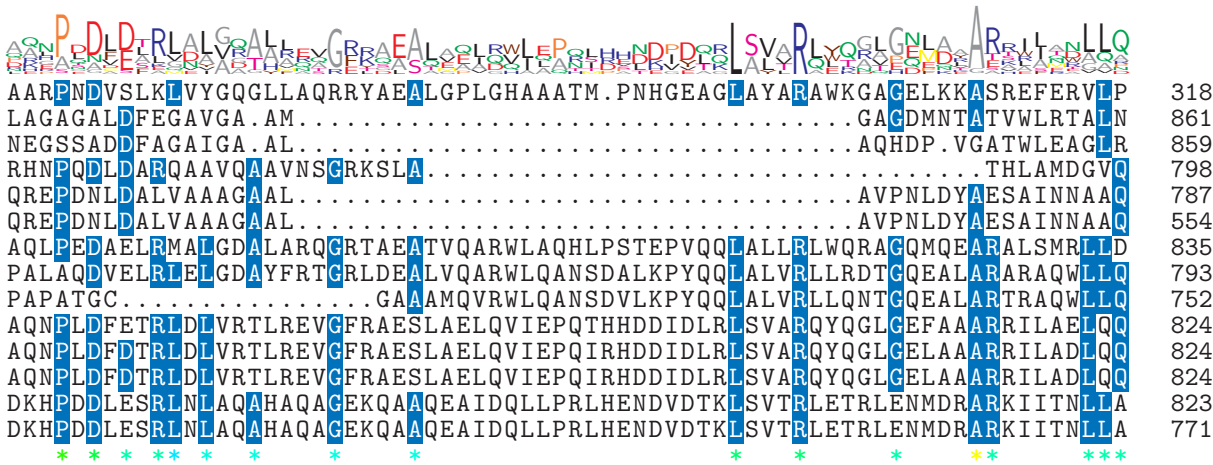
logo

o:Solibacterales, g:Bryobacter, Kalu.261
o:Solibacterales, g:Bryobacter, Fred.662
o:Solibacterales, g:Paludibaculum, Skiv.396
o:Rhodospirillales, g:Komagataeibacter, QUERY
o:Betaproteobacteriales, g:Rhodoferax, Aved.394
o:Betaproteobacteriales, g:Rhodoferax, EsbW.485 (merged)
o:Betaproteobacteriales, g:Simplicispira, EsbW.453
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 A
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 B (merged)
o:Betaproteobacteriales, g:Dechloromonas, Skiv.078 sub
o:Betaproteobacteriales, g:Dechloromonas, EsbW.050
o:Betaproteobacteriales, g:Dechloromonas, Hade.364
o:Betaproteobacteriales, g:Nitrotoga, OdNE.187
o:Betaproteobacteriales, g:Nitrotoga, Skiv.176 (merged)
consensus



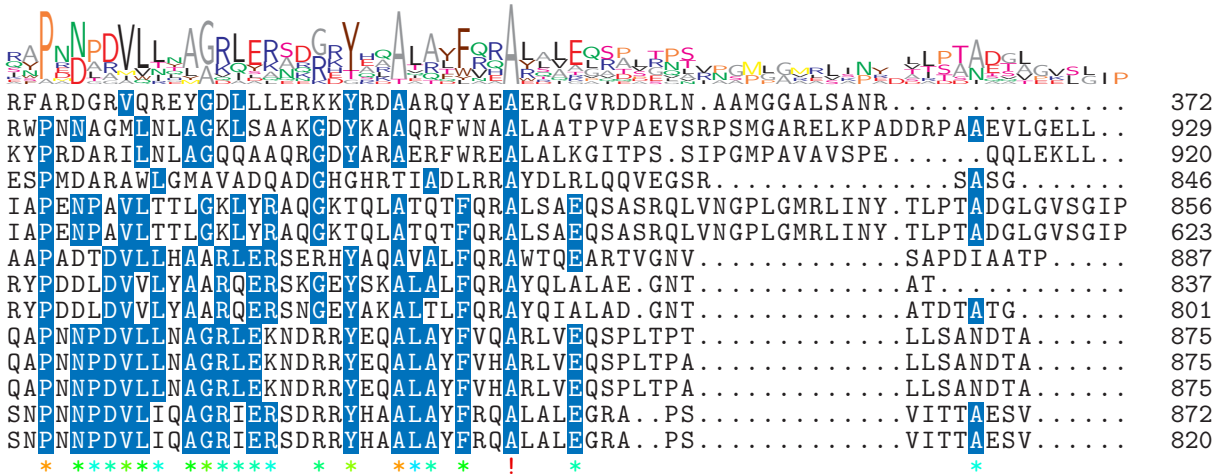
logo

o:Solibacterales, g:Bryobacter, Kalu.261
o:Solibacterales, g:Bryobacter, Fred.662
o:Solibacterales, g:Paludibaculum, Skiv.396
o:Rhodospirillales, g:Komagataeibacter, QUERY
o:Betaproteobacteriales, g:Rhodoferax, Aved.394
o:Betaproteobacteriales, g:Rhodoferax, EsbW.485 (merged)
o:Betaproteobacteriales, g:Simplicispira, EsbW.453
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 A
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 B (merged)
o:Betaproteobacteriales, g:Dechloromonas, Skiv.078 sub
o:Betaproteobacteriales, g:Dechloromonas, EsbW.050
o:Betaproteobacteriales, g:Dechloromonas, Hade.364
o:Betaproteobacteriales, g:Nitrotoga, OdNE.187
o:Betaproteobacteriales, g:Nitrotoga, Skiv.176 (merged)
consensus



logo

o:Solibacterales, g:Bryobacter, Kalu.261
o:Solibacterales, g:Bryobacter, Fred.662
o:Solibacterales, g:Paludibaculum, Skiv.396
o:Rhodospirillales, g:Komagataeibacter, QUERY
o:Betaproteobacteriales, g:Rhodoferax, Aved.394
o:Betaproteobacteriales, g:Rhodoferax, EsbW.485 (merged)
o:Betaproteobacteriales, g:Simplicispira, EsbW.453
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 A
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 B (merged)
o:Betaproteobacteriales, g:Dechloromonas, Skiv.078 sub
o:Betaproteobacteriales, g:Dechloromonas, EsbW.050
o:Betaproteobacteriales, g:Dechloromonas, Hade.364
o:Betaproteobacteriales, g:Nitrotoga, OdNE.187
o:Betaproteobacteriales, g:Nitrotoga, Skiv.176 (merged)
consensus



logo

o:Solibacterales, g:Bryobacter, Kalu.261	.....KHKEAVPYTERAY.....RASPTPRR.....	393
o:Solibacterales, g:Bryobacter, Fred.662	..LGSEAGQQRVPFPQPPAELAPARELGSPAALSPALKPA.....	981
o:Solibacterales, g:Paludibaculum, Skiv.396	..VGEP.....LPPATA.TNRGTQTAVNLPPVPAPV.....	954
o:Rhodospirillales, g:Komagataeibacter, QUERY	.....PAAATEED.....ALAPP..SS.....	860
o:Betaproteobacterales, g:Rhodoferax, Aved.394	SAQGSPVI.PKIAPPPLAPRSMNV.....PGRSPAMRPISKLDSSADTQYTQVARLDLPSPS.....	911
o:Betaproteobacterales, g:Rhodoferax, EsbW.485 (merged)	IAQGSPLI.PKIAPPPLAPRSMNV.....PGRSPAMRPISKLDSSADTQYTQVARLDLPSPSP.....S	680
o:Betaproteobacterales, g:Simplicispira, EsbW.453	....APTL.ASEAPPDTPDALAF.....SLRLSVPGT.....	914
o:Betaproteobacterales, g:Rhodoferax, Bjer.458 A	.....ATDALRLELAY.....NLVES..GI.....	855
o:Betaproteobacterales, g:Rhodoferax, Bjer.458 B (merged)	.....TITDTLRLQLAY.....NLAES..GI.....	820
o:Betaproteobacterales, g:Dechloromonas, Skiv.078 sub	.....DAAWLRISL.....TLNDERHAQ.....	893
o:Betaproteobacterales, g:Dechloromonas, EsbW.050	.....DAAWLRISL.....TLNDERHAS.....	893
o:Betaproteobacterales, g:Dechloromonas, Hade.364	.....DAAWLRISL.....TLNDERHAS.....	893
o:Betaproteobacterales, g:Nitrotoga, OdNE.187	.....P..LL.....DL.DPKHPI.....T	884
o:Betaproteobacterales, g:Nitrotoga, Skiv.176 (merged)	.....P..LL.....DL.DPKHPI.....T	832
consensus*.....*	

logo

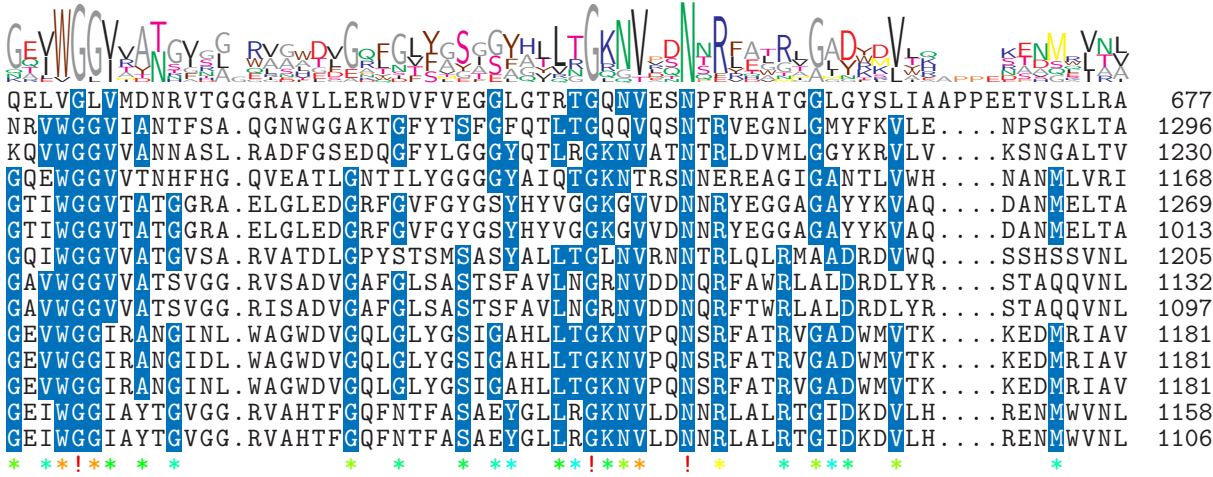
o:Solibacterales, g:Bryobacter, Kalu.261	.....AMDLA....KAYSKTCRR.....EEARALEKVERSVTQTAQRMKKWAWL.....	434
o:Solibacterales, g:Bryobacter, Fred.662	GRPLPANVVNVAGRAP...DAIVRP.RATAPAVCPPLAE.....	1026
o:Solibacterales, g:Paludibaculum, Skiv.396	YTPDFLSI.....P.....PRGAKAPTWS.....	973
o:Rhodospirillales, g:Komagataeibacter, QUERY	NPFRHHGYGRQ.....	871
o:Betaproteobacterales, g:Rhodoferax, Aved.394	PSPAPSVLNKPSAPSAS..SAMS.....TAEQIVPVQYTYPs....ANQGTREPMVPQPTQIMPVQSLQQ	970
o:Betaproteobacterales, g:Rhodoferax, EsbW.485 (merged)	PSPAPSVLNKPSAPSAS..SAMS.....TAEQIVPVQYTYPs....ANQGAREPMVPQPTQIMPVQSLQQ	739
o:Betaproteobacterales, g:Simplicispira, EsbW.453	ASLGGAAGAGTVAAPA...NTVG.PGDSRSFLQTPLILTYSL...QLAS.....	955
o:Betaproteobacterales, g:Rhodoferax, Bjer.458 A	.....GADATRI...ASDG.PDAAT.....LVLRFMD...AMES.....	882
o:Betaproteobacterales, g:Rhodoferax, Bjer.458 B (merged)	GT...GIGTDETRI...ASDG.PDAAT.....LALRFMG...AMES.....	851
o:Betaproteobacterales, g:Dechloromonas, Skiv.078 sub	QQLIPDDLEDVAAPSLKAASSLGAAD.VISPEHRPFLETfNT...APQT.....	938
o:Betaproteobacterales, g:Dechloromonas, EsbW.050	QQLIPDDLEDIAAPSLKAASSLGAAD.VISPEHRPFLETfNT...APQT.....	938
o:Betaproteobacterales, g:Dechloromonas, Hade.364	QQLIPDDLEDIAAPSLKAASSLGAAD.VISPEHRPFLETfNT...APQT.....	938
o:Betaproteobacterales, g:Nitrotoga, OdNE.187	QPNYASGYPNVV.....KGIATADKQKSAAATPLVP.....	915
o:Betaproteobacterales, g:Nitrotoga, Skiv.176 (merged)	QPNYASGYPNVV.....KGIATADKQKSAAATPLVP.....	863
consensus*.....*	

logo

o:Solibacterales, g:Bryobacter, Kalu.261	.....VMCAAAALPC.....VDAQQRtAGE.....RPVTS	458
o:Solibacterales, g:Bryobacter, Fred.662	.....GSEIPITL..PRtAAQTQAPVETANALPAVVVPAFIDAP.....	1077
o:Solibacterales, g:Paludibaculum, Skiv.396	.....APSMANTA.....PPRDAAPYTGAptAAAAIDPK.....	1011
o:Rhodospirillales, g:Komagataeibacter, QUERY	.....TELGAptVtGCS.....YSMEATSPEAADQMLSSIS	901
o:Betaproteobacterales, g:Rhodoferax, Aved.394	LPSARMTGQLQLPLQLIQPNQAQTLEIVSPGALPLPPSR.SSYVDPTTGNIVSNISRNDPLVASKDtlAIR	1039
o:Betaproteobacterales, g:Rhodoferax, EsbW.485 (merged)	LPSARMTGQLQLPLQLIQPNQAQTLEIVSPGALPLPPSR.SSYVDPTTGNIVSNISRNDPLVASKVVECGA	808
o:Betaproteobacterales, g:Simplicispira, EsbW.453	.....PEIAPMQPCA.....A.....TGNEALDKIG	976
o:Betaproteobacterales, g:Rhodoferax, Bjer.458 A	.....TVGTAGVVRtTGA.....V.....STLGTLEKIQ	906
o:Betaproteobacterales, g:Rhodoferax, Bjer.458 B (merged)	.....TADAAG.....AVGTLEKIQ	866
o:Betaproteobacterales, g:Dechloromonas, Skiv.078 sub	.....DVPPV.....I.....SLATRPSQAE	955
o:Betaproteobacterales, g:Dechloromonas, EsbW.050	.....VVPpV.....I.....SLATRPSQAE	955
o:Betaproteobacterales, g:Dechloromonas, Hade.364	.....VVPpV.....I.....SLATRPSQAE	955
o:Betaproteobacterales, g:Nitrotoga, OdNE.187	.....TIPEL.....CK.....DLIRRptRAE	933
o:Betaproteobacterales, g:Nitrotoga, Skiv.176 (merged)	.....TIPEL.....CK.....DLIRRptRAE	881
consensus*	

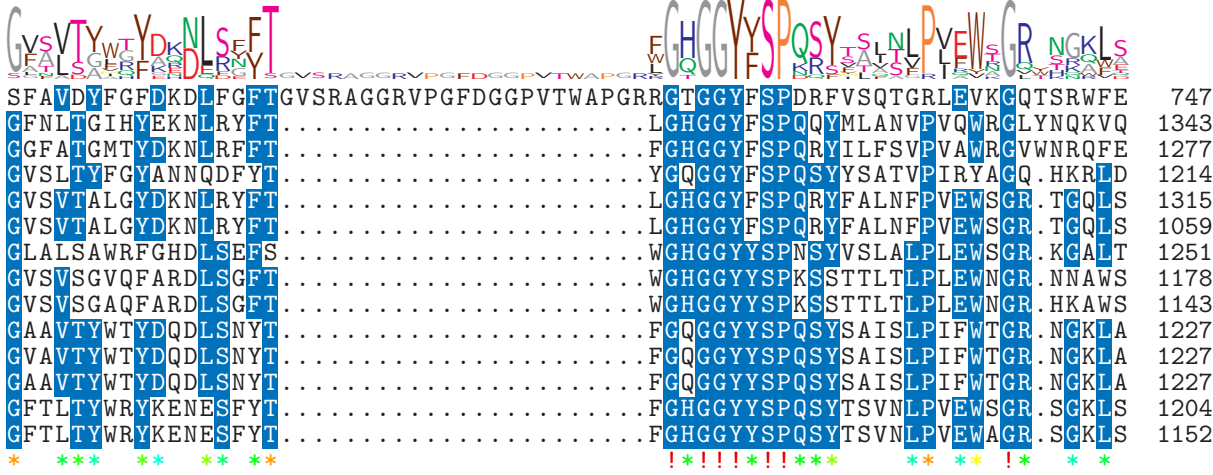
logo

o:Solibacterales, g:Bryobacter, Kalu.261
o:Solibacterales, g:Bryobacter, Fred.662
o:Solibacterales, g:Paludibaculum, Skiv.396
o:Rhodospirillales, g:Komagataeibacter, QUERY
o:Betaproteobacteriales, g:Rhodoferax, Aved.394
o:Betaproteobacteriales, g:Rhodoferax, EsbW.485 (merged)
o:Betaproteobacteriales, g:Simplicispira, EsbW.453
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 A
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 B (merged)
o:Betaproteobacteriales, g:Dechloromonas, Skiv.078 sub
o:Betaproteobacteriales, g:Dechloromonas, EsbW.050
o:Betaproteobacteriales, g:Dechloromonas, Hade.364
o:Betaproteobacteriales, g:Nitrotoga, OdNE.187
o:Betaproteobacteriales, g:Nitrotoga, Skiv.176 (merged)
consensus



logo

o:Solibacterales, g:Bryobacter, Kalu.261
o:Solibacterales, g:Bryobacter, Fred.662
o:Solibacterales, g:Paludibaculum, Skiv.396
o:Rhodospirillales, g:Komagataeibacter, QUERY
o:Betaproteobacteriales, g:Rhodoferax, Aved.394
o:Betaproteobacteriales, g:Rhodoferax, EsbW.485 (merged)
o:Betaproteobacteriales, g:Simplicispira, EsbW.453
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 A
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 B (merged)
o:Betaproteobacteriales, g:Dechloromonas, Skiv.078 sub
o:Betaproteobacteriales, g:Dechloromonas, EsbW.050
o:Betaproteobacteriales, g:Dechloromonas, Hade.364
o:Betaproteobacteriales, g:Nitrotoga, OdNE.187
o:Betaproteobacteriales, g:Nitrotoga, Skiv.176 (merged)
consensus



logo

o:Solibacterales, g:Bryobacter, Kalu.261
o:Solibacterales, g:Bryobacter, Fred.662
o:Solibacterales, g:Paludibaculum, Skiv.396
o:Rhodospirillales, g:Komagataeibacter, QUERY
o:Betaproteobacteriales, g:Rhodoferax, Aved.394
o:Betaproteobacteriales, g:Rhodoferax, EsbW.485 (merged)
o:Betaproteobacteriales, g:Simplicispira, EsbW.453
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 A
o:Betaproteobacteriales, g:Rhodoferax, Bjer.458 B (merged)
o:Betaproteobacteriales, g:Dechloromonas, Skiv.078 sub
o:Betaproteobacteriales, g:Dechloromonas, EsbW.050
o:Betaproteobacteriales, g:Dechloromonas, Hade.364
o:Betaproteobacteriales, g:Nitrotoga, OdNE.187
o:Betaproteobacteriales, g:Nitrotoga, Skiv.176 (merged)
consensus



