

Supplementary Material 2: List of all CFBP organisms

In the "Others" category, two multicellular organisms are highlighted (nematode, shrimp).

The nematode (hookworm in man and other mammals) has a unique C-terminus and short N-terminus.

In the arthropod (small shrimp), the CYN part is missing ~60 aa, including the "N-terminal loop" (19-24 in hCyPA).

GAL66646.1 was not used because of its short N-terminus.

Species	Domain structure	Accession #	Phylogeny
<u>Phylum Spirochaetes</u>			
<i>Borrelia crocidurae</i>	CYN-FKBP	WP_025400716.1	Spirochetes
<i>Borrelia crocidurae</i> str. Achema	CYN-FKBP	AFI31197.1	Spirochetes
<i>Borrelia duttonii</i>	CYN-FKBP	WP_012538168.1	Spirochetes
<i>Borrelia hermsii</i> DAH	CYN-FKBP	WP_012422177.1	Spirochetes
<i>Borrelia hispanica</i>	CYN-FKBP	WP_024655403.1	Spirochetes
<i>Borrelia persica</i>	CYN-FKBP	WP_024653864.1	Spirochetes
<i>Borrelia recurrentis</i>	CYN-FKBP	WP_012538884.1	Spirochetes
<i>Borrelia turicatae</i>	CYN-FKBP	WP_011772360.1	Spirochetes
<i>Sphaerochaeta coccoides</i>	CYN-FKBP	WP_013740452.1	Spirochetes
<i>Sphaerochaeta globosa</i>	CYN-FKBP	WP_013608701.1	Spirochetes
<i>Sphaerochaeta pleomorpha</i> str. Grapes	CYN-FKBP	AEV29721.1	Spirochetes
<i>Spirochaeta lutea</i>	CYN-FKBP	WP_037548329.1	Spirochetes
<i>Spirochaeta Africana</i>	CYN-FKBP	WP_014456714.1	Spirochetes
<i>Spirochaetes bacterium</i> GWC2_52_13	CYN-FKBP	OHD32850.1	Spirochetes
<i>Treponema azotonutricium</i> ZAS-9	CYN-FKBP	WP_015710234.1	Spirochetes
<i>Treponema brennaborensense</i>	CYN-FKBP	WP_013757191.1	Spirochetes
<i>Treponema caldaria</i> DSM 12168	CYN-FKBP	WP_013967678.1	Spirochetes
<i>Treponema denticola</i>	CYN-FKBP	WP_002680321.1	Spirochetes
<i>Treponema maltophilum</i>	CYN-FKBP	EPF32053.1	Spirochetes
<i>Treponema phagedenis</i>	CYN-FKBP	EFW38648.1	Spirochetes
<i>Treponema primitia</i> ZAS-2	CYN-FKBP	WP_015709565.1	Spirochetes
<i>Treponema putidum</i>	CYN-FKBP	WP_044979872.1	Spirochetes
<i>Treponema saccharophilum</i>	CYN-FKBP	WP_002706539.1	Spirochetes
<i>Treponema socranskii</i>	CYN-FKBP	ERF61397.1	Spirochetes
<i>Treponema succinifaciens</i> DSM2489	CYN-FKBP	WP_013700291.1	Spirochetes
<i>Treponema vincentii</i> ATCC 35580	CYN-FKBP	WP_006188840.1	Spirochetes
<u>Phylum Bacteroidetes (mostly Flavobacteria)</u>			
<i>Apibacter mensalis</i>	CYN-FKBP	WP_055425959.1	Flavobacteria
<i>Aquimarina agarivorans</i>	CYN-FKBP	WP_010523173.1	Flavobacteria
<i>Aquimarina longa</i>	CYN-FKBP	WP_062053470.1	Flavobacteria
<i>Aquimarina macrocephali</i>	CYN-FKBP	WP_024768822.1	Flavobacteria
<i>Aquimarina megaterium</i>	CYN-FKBP	WP_025666008.1	Flavobacteria
<i>Aquimarina pacifica</i>	CYN-FKBP	WP_025743611.1	Flavobacteria
<i>Aquimarina spongiae</i>	CYN-FKBP	WP_073315242.1	Flavobacteria
<i>Aequorivita capsosiphonis</i>	CYN-FKBP	WP_026450730.1	Flavobacteria

<i>Aequorivita</i> sp. D-24	CYN-FKBP	WP_062622682.1	Flavobacteria
<i>Aequorivita</i> sublithincola	CYN-FKBP	WP_014781106.1	Flavobacteria
<i>Aequorivita</i> vladivostokensis	CYN-FKBP	WP_045081509.1	Flavobacteria
<i>Algibacter</i> lectus	CYN-FKBP	GAL78289.1	Flavobacteria
<i>Arenibacter</i> certesii	CYN-FKBP	WP_026812083.1	Flavobacteria
<i>Arenitalea</i> lutea	CYN-FKBP	WP_019387329.1	Flavobacteria
<i>Arenibacter</i> palladensis	CYN-FKBP	SHF91915.1	Flavobacteria
<i>Bacteroidetes</i> bacterium MedPE-SWsnd-G1	CYN-FKBP	OIQ37634.1	Flavobacteria
<i>Bacteroidetes</i> bacterium OLB9	CYN-FKBP	KXK39650.1	Flavobacteria
<i>Bergeyella</i> zoohelcum	CYN-FKBP	WP_002663385.1	Flavobacteria
<i>Bizionia</i> argentinensis	CYN-FKBP	WP_008635427.1	Flavobacteria
<i>Bizionia</i> paragogiae	CYN-FKBP	SDZ72777.1	Flavobacteria
<i>Capnocytophaga</i> canimorsus Cc5	CYN-FKBP	WP_013997216.1	Flavobacteria
<i>Capnocytophaga</i> canimorsus Cc5	CYN-FKBP	WP_013997324.1	Flavobacteria
<i>Capnocytophaga</i> cynodegmi	CYN-FKBP	CEN32541.1	Flavobacteria
<i>Capnocytophaga</i> gingivalis ATCC 33624	CYN-FKBP	WP_002665439.1	Flavobacteria
<i>Capnocytophaga</i> gingivalis ATCC 33624	CYN-FKBP	WP_002667121.1	Flavobacteria
<i>Capnocytophaga</i> sputigena Capno	CYN-FKBP	WP_002679844.1	Flavobacteria
<i>Capnocytophaga</i> ochracea F0287	CYN-FKBP	WP_015782565.1	Flavobacteria
<i>Capnocytophaga</i> sp. Oral taxon 324	CYN-FKBP	WP_009411812.1	Flavobacteria
<i>Capnocytophaga</i> sp. Oral taxon 324	CYN-FKBP	WP_009411339.1	Flavobacteria
<i>Cellulophaga</i> algicola DSM 14327	CYN-FKBP	WP_013551507.1	Flavobacteria
<i>Cellulophaga</i> algicola DSM 14327	CYN-FKBP	WP_013549201.1	Flavobacteria
<i>Cellulophaga</i> baltica	CYN-FKBP	WP_025614578.1	Flavobacteria
<i>Cellulophaga</i> geojensis KL-A	CYN-FKBP	EWH14126.1	Flavobacteria
<i>Cellulophaga</i> lytica DSM 7489	CYN-FKBP	WP_013619851.1	Flavobacteria
<i>Cellulophaga</i> lytica	CYN-FKBP	APU08853.1	Flavobacteria
<i>Chryseobacterium</i> angstadtii	CYN-FKBP	WP_048507577.1	Flavobacteria
<i>Chryseobacterium</i> antarcticum	CYN-FKBP	WP_051803836.1	Flavobacteria
<i>Chryseobacterium</i> aquaticum	CYN-FKBP	WP_056014146.1	Flavobacteria
<i>Chryseobacterium</i> arachidis	CYN-FKBP	WP_072959387.1	Flavobacteria
<i>Chryseobacterium</i> arthrosphaerae	CYN-FKBP	OCA73542.1	Flavobacteria
<i>Chryseobacterium</i> artocarpi	CYN-FKBP	WP_065394712.1	Flavobacteria
<i>Chryseobacterium</i> balustinum	CYN-FKBP	WP_079466867.1	Flavobacteria
<i>Chryseobacterium</i> bovis	CYN-FKBP	WP_076782045.1	Flavobacteria
<i>Chryseobacterium</i> caeni	CYN-FKBP	WP_034671276.1	Flavobacteria
<i>Chryseobacterium</i> carnipullorum	CYN-FKBP	WP_073335862.1	Flavobacteria
<i>Chryseobacterium</i> chaponense	CYN-FKBP	SIS91935.1	Flavobacteria
<i>Chryseobacterium</i> contaminans	CYN-FKBP	WP_073300115.1	Flavobacteria
<i>Chryseobacterium</i> cucumeris	CYN-FKBP	WP_062670346.1	Flavobacteria
<i>Chryseobacterium</i> culicis	CYN-FKBP	SEH32004.1	Flavobacteria
<i>Chryseobacterium</i> daeguense	CYN-FKBP	WP_034752384.1	Flavobacteria
<i>Chryseobacterium</i> formosense	CYN-FKBP	WP_034676143.1	Flavobacteria
<i>Chryseobacterium</i> gallinarum	CYN-FKBP	WP_053328736.1	Flavobacteria
<i>Chryseobacterium</i> gambrini	CYN-FKBP	WP_076390416.1	Flavobacteria
<i>Chryseobacterium</i> gleum	CYN-FKBP	WP_002980016.1	Flavobacteria
<i>Chryseobacterium</i> greenlandense	CYN-FKBP	WP_059136803.1	Flavobacteria

<i>Chryseobacterium gregarium</i>	CYN-FKBP	WP_034761027.1	Flavobacteria
<i>Chryseobacterium haifense</i>	CYN-FKBP	WP_084186087.1	Flavobacteria
<i>Chryseobacterium hungaricum</i>	CYN-FKBP	SDG10680.1	Flavobacteria
<i>Chryseobacterium indologenes</i>	CYN-FKBP	WP_047098396.1	Flavobacteria
<i>Chryseobacterium indoltheticum</i>	CYN-FKBP	WP_076558645.1	Flavobacteria
<i>Chryseobacterium jejuense</i>	CYN-FKBP	SDI33762.1	Flavobacteria
<i>Chryseobacterium jeonii</i>	CYN-FKBP	KIA90404.1	Flavobacteria
<i>Chryseobacterium joostei</i>	CYN-FKBP	WP_076355767.1	Flavobacteria
<i>Chryseobacterium koreense</i>	CYN-FKBP	WP_083993749.1	Flavobacteria
<i>Chryseobacterium limigenitum</i>	CYN-FKBP	SFZ90634.1	Flavobacteria
<i>Chryseobacterium luteum</i>	CYN-FKBP	WP_034707310.1	Flavobacteria
<i>Chryseobacterium molle</i>	CYN-FKBP	SHK62632.1	Flavobacteria
<i>Chryseobacterium oleae</i>	CYN-FKBP	SFN39639.1	Flavobacteria
<i>Chryseobacterium oranimense</i>	CYN-FKBP	WP_040999021.1	Flavobacteria
<i>Chryseobacterium palustre</i>	CYN-FKBP	WP_051190467.1	Flavobacteria
<i>Chryseobacterium piperi</i>	CYN-FKBP	WP_034687466.1	Flavobacteria
<i>Chryseobacterium piscicola</i>	CYN-FKBP	SIS72842.1	Flavobacteria
<i>Chryseobacterium polytrichastri</i>	CYN-FKBP	SHL10481.1	Flavobacteria
<i>Chryseobacterium scophthalmum</i>	CYN-FKBP	WP_074228863.1	Flavobacteria
<i>Chryseobacterium shigense</i>	CYN-FKBP	WP_076510030.1	Flavobacteria
<i>Chryseobacterium soldanellicola</i>	CYN-FKBP	SDR14823.1	Flavobacteria
<i>Chryseobacterium solincola</i>	CYN-FKBP	WP_039344647.1	Flavobacteria
<i>Chryseobacterium sp. Hurlbut01</i>	CYN-FKBP	KNB60550.1	Flavobacteria
<i>Chryseobacterium taeanense</i>	CYN-FKBP	SDH88102.1	Flavobacteria
<i>Chryseobacterium taihuense</i>	CYN-FKBP	SDM11487.1	Flavobacteria
<i>Chryseobacterium taiwanense</i>	CYN-FKBP	WP_039365462.1	Flavobacteria
<i>Chryseobacterium tenax</i>	CYN-FKBP	WP_034980653.1	Flavobacteria
<i>Chryseobacterium treverense</i>	CYN-FKBP	SFI64973.1	Flavobacteria
<i>Chryseobacterium ureilyticum</i>	CYN-FKBP	WP_076552336.1	Flavobacteria
<i>Chryseobacterium wanjuense</i>	CYN-FKBP	SEW20341.1	Flavobacteria
<i>Cloacibacterium normanense</i>	CYN-FKBP	WP_069798429.1	Flavobacteria
<i>Croceibacter atlanticus</i>	CYN-FKBP	WP_013187883.1	Flavobacteria
<i>Crocinitomix catalasitica</i>	CYN-FKBP	WP_084274406.1	Flavobacteria
<i>Cruoricaptor ignavus</i>	CYN-FKBP	SHI54158.1	Flavobacteria
<i>Cryomorpaceae bacterium</i>	CYN-FKBP	KRP28643.1	Flavobacteria
<i>Desulfotalea psychrophila</i>	CYN-FKBP	CAG36374.1	Flavobacteria
<i>Dokdonia donghaensis (multiple strains)</i>	CYN-FKBP	WP_021778660.1	Flavobacteria
<i>Elizabethkingia anophelis</i>	CYN-FKBP	OCW74537.1	Flavobacteria
<i>Elizabethkingia meningoseptica</i>	CYN-FKBP	EOR30682.1	Flavobacteria
<i>Elizabethkingia miricola</i>	CYN-FKBP	AJW61711.1	Flavobacteria
<i>Eudoraea adriatica</i>	CYN-FKBP	WP_019668468.1	Flavobacteria
<i>Flagellimonas sp.</i>	CYN-FKBP	WP_055397607.1	Flavobacteria
<i>Flavobacterium aquidurense</i>	CYN-FKBP	WP_055098333.1	Flavobacteria
<i>Flavobacteria bacterium BAL38</i>	CYN-FKBP	EAZ96145.1	Flavobacteria
<i>Flavobacteria bacterium BBFL7</i>	CYN-FKBP	WP_006795114.1	Flavobacteria
<i>Flavobacteriaceae bacterium</i>	CYN-FKBP	OIP45389.1	Flavobacteria
<i>Flavobacteriales bacterium</i>	CYN-FKBP	WP_013306554.1	Flavobacteria

<i>Flavobacterium akiainvivens</i>	CYN-FKBP	WP_054407344.1	Flavobacteria
<i>Flavobacterium antarcticum</i>	CYN-FKBP	WP_022827013.1	Flavobacteria
<i>Flavobacterium beibuense</i>	CYN-FKBP	KGO82584.1	Flavobacteria
<i>Flavobacterium branchiophilum</i>	CYN-FKBP	WP_014084292.1	Flavobacteria
<i>Flavobacterium cauense</i>	CYN-FKBP	ESU21328.1	Flavobacteria
<i>Flavobacterium chungangense</i>	CYN-FKBP	WP_031454950.1	Flavobacteria
<i>Flavobacterium columnare</i>	CYN-FKBP	AMA49476.1	Flavobacteria
<i>Flavobacterium daejeonense</i>	CYN-FKBP	WP_055090896.1	Flavobacteria
<i>Flavobacterium defluvii</i>	CYN-FKBP	SHH23133.1	Flavobacteria
<i>Flavobacterium enshiense</i>	CYN-FKBP	WP_023573905.1	Flavobacteria
<i>Flavobacterium filum</i>	CYN-FKBP	WP_051220716.1	Flavobacteria
<i>Flavobacterium frigoris</i>	CYN-FKBP	WP_007137991.1	Flavobacteria
<i>Flavobacterium frigoris</i>	CYN-FKBP	WP_007138038.1	Flavobacteria
<i>Flavobacterium fryxellicola</i>	CYN-FKBP	OAB27313.1	Flavobacteria
<i>Flavobacterium gilvum</i>	CYN-FKBP	AOW09633.1	Flavobacteria
<i>Flavobacterium haoranii</i>	CYN-FKBP	SHJ78198.1	Flavobacteria
<i>Flavobacterium hibernum</i>	CYN-FKBP	WP_041519349.1	Flavobacteria
<i>Flavobacterium hibernum</i>	CYN-FKBP	WP_041519676.1	Flavobacteria
<i>Flavobacterium hydatis</i>	CYN-FKBP	WP_035622385.1	Flavobacteria
<i>Flavobacterium hydatis</i>	CYN-FKBP	WP_035626885.1	Flavobacteria
<i>Flavobacterium indicum</i>	CYN-FKBP	WP_014388319.1	Flavobacteria
<i>Flavobacterium johnsoniae</i>	CYN-FKBP	AAM92026	Flavobacteria
<i>Flavobacterium johnsoniae</i>	CYN-FKBP	AAM92027	Flavobacteria
<i>Flavobacterium limnosediminis</i>	CYN-FKBP	WP_023579025.1	Flavobacteria
<i>Flavobacterium omnivorum</i>	CYN-FKBP	SDH25424.1	Flavobacteria
<i>Flavobacterium phragmitis</i>	CYN-FKBP	SFD64262.1	Flavobacteria
<i>Flavobacterium psychrophilum</i>	CYN-FKBP	WP_034098691.1	Flavobacteria
<i>Flavobacterium psychrophilum</i> JIP02/86	CYN-FKBP	YP_001296758.1	Flavobacteria
<i>Flavobacterium psychrophilum</i> JIP02/86	CYN-FKBP	YP_001296759.1	Flavobacteria
<i>Flavobacterium rivuli</i>	CYN-FKBP	WP_020211598.1	Flavobacteria
<i>Flavobacterium reichenbachii</i>	CYN-FKBP	WP_035684065.1	Flavobacteria
<i>Flavobacterium saliperosum</i> S13	CYN-FKBP	ESU26021.1	Flavobacteria
<i>Flavobacterium seoulense</i>	CYN-FKBP	WP_035657803.1	Flavobacteria
<i>Flavobacterium seoulense</i>	CYN-FKBP	WP_035658288.1	Flavobacteria
<i>Flavobacterium sinopsychrotolerans</i>	CYN-FKBP	SEN91439.1	Flavobacteria
<i>Flavobacterium soli</i>	CYN-FKBP	WP_026705641.1	Flavobacteria
<i>Flavobacterium</i> sp. ACAM 123	CYN-FKBP	WP_016991130.1	Flavobacteria
<i>Flavobacterium</i> sp. Leaf82	CYN-FKBP	KQO32644.1	Flavobacteria
<i>Flavobacterium subsaxonicum</i>	CYN-FKBP	WP_026991669.1	Flavobacteria
<i>Flavobacterium succinicans</i>	CYN-FKBP	WP_024981134.1	Flavobacteria
<i>Flavobacterium succinicans</i>	CYN-FKBP	WP_024981364.1	Flavobacteria
<i>Flavobacterium swingsii</i>	CYN-FKBP	SFA88116.1	Flavobacteria
<i>Flavobacterium urocaniciphilum</i>	CYN-FKBP	SEP61984.1	Flavobacteria
<i>Flavobacterium xinjiangense</i>	CYN-FKBP	WP_073207629.1	Flavobacteria
<i>Fluviicola taffensis</i> DSM 16823	CYN-FKBP	WP_013686748.1	Flavobacteria
<i>Formosa agariphila</i>	CYN-FKBP	CDF78794.1	Flavobacteria
<i>Formosa haliotis</i>	CYN-FKBP	WP_066219441.1	Flavobacteria

Formosa sp. Hel1_33_131	CYN-FKBP	AOR27263.1	Flavobacteria
Gaetbulibacter saemankumensis	CYN-FKBP	WP_027136884.1	Flavobacteria
Galbibacter marinus	CYN-FKBP	WP_008991540.1	Flavobacteria
Gelidibacter mesophilus	CYN-FKBP	WP_027126492.1	Flavobacteria
Gillisia limnaea	CYN-FKBP	WP_006989975.1	Flavobacteria
Gillisia marina	CYN-FKBP	WP_010231874.1	Flavobacteria
Gramella echinicola	CYN-FKBP	WP_026933765.1	Flavobacteria
Gramella forsetii	CYN-FKBP	CAL65762	Flavobacteria
Gramella forsetii	CYN-FKBP	WP_011710397.1	Flavobacteria
Gramella sp. LPB0144	CYN-FKBP	APG58900.1	Flavobacteria
Hyunsoonleella jejuensis	CYN-FKBP	SEQ10693.1	Flavobacteria
Imtechella halotolerans	CYN-FKBP	WP_008239677.1	Flavobacteria
Jejuia pallidilutea	CYN-FKBP	WP_045372778.1	Flavobacteria
Jejuia pallidilutea	CYN-FKBP	GAL66646.1	Flavobacteria
Kordia algicida OT-1	CYN-FKBP	WP_007093789.1	Flavobacteria
Kriegella aquimaris	CYN-FKBP	SDM97151.1	Flavobacteria
Lacinutrix jangbogonensis	CYN-FKBP	WP_034057582.1	Flavobacteria
Lacinutrix sp. 5H-3-7-4	CYN-FKBP	WP_013870480.1	Flavobacteria
Leeuwenhoekella blandensis	CYN-FKBP	WP_009781285.1	Flavobacteria
Leeuwenhoekella palythoae	CYN-FKBP	WP_072983594.1	Flavobacteria
Leeuwenhoekella marinoflava	CYN-FKBP	WP_073099465.1	Flavobacteria
Lishizhenia tianjinensis	CYN-FKBP	SFT67407.1	Flavobacteria
Lutibacter maritimus	CYN-FKBP	SFS32105.1	Flavobacteria
Lutibacter profundi	CYN-FKBP	AMC10344.1	Flavobacteria
Mangrovimonas yunxiaonensis	CYN-FKBP	WP_036122544.1	Flavobacteria
Maribacter aquivivus	CYN-FKBP	SHJ89650.1	Flavobacteria
Maribacter orientalis	CYN-FKBP	SEL31201.1	Flavobacteria
Maribacter sp. HTCC2170	CYN-FKBP	WP_013306554.1	Flavobacteria
Maribacter stanieri	CYN-FKBP	SFR67453.1	Flavobacteria
Mesoflavibacter zeaxanthinifaciens	CYN-FKBP	WP_010517508.1	Flavobacteria
Muricauda antarctica	CYN-FKBP	SFB76710.1	Flavobacteria
Muricauda lutaonensis	CYN-FKBP	WP_045800951.1	Flavobacteria
Muricauda ruestringensis	CYN-FKBP	WP_014031611.1	Flavobacteria
Muricauda zhangzhouensis	CYN-FKBP	SDQ56770.1	Flavobacteria
Myroides guanonis	CYN-FKBP	SFJ87275.1	Flavobacteria
Myroides injenensis	CYN-FKBP	WP_010250164.1	Flavobacteria
Myroides marinus	CYN-FKBP	KUF40224.1	Flavobacteria
Myroides odoratimimus	CYN-FKBP	EKB03227.1	Flavobacteria
Myroides odoratus	CYN-FKBP	WP_060875118.1	Flavobacteria
Myroides phaeus	CYN-FKBP	SDH72867.1	Flavobacteria
Nonlabens dokdonensis	CYN-FKBP	AGC75181.1	Flavobacteria
Nonlabens marinus	CYN-FKBP	WP_041496246.1	Flavobacteria
Nonlabens sedimins	CYN-FKBP	WP_042280300.1	Flavobacteria
Nonlabens ulvanivorans	CYN-FKBP	GAL75631.1	Flavobacteria
Ochrovirga pacifica	CYN-FKBP	WP_010134755.1	Flavobacteria
Olleya marilimosa	CYN-FKBP	WP_028282856.1	Flavobacteria
Owenweeksia hongkongensis	CYN-FKBP	WP_014201615.1	Flavobacteria

<i>Polaribacter atrinae</i>	CYN-FKBP	WP_068449940.1	Flavobacteria
<i>Polaribacter dokdonensis</i>	CYN-FKBP	WP_053975013.1	Flavobacteria
<i>Polaribacter irgensii</i>	CYN-FKBP	WP_004570747.1	Flavobacteria
<i>Polaribacter reichenbachii</i>	CYN-FKBP	WP_068364573.1	Flavobacteria
<i>Polaribacter</i> sp. MED152	CYN-FKBP	WP_015480498.1	Flavobacteria
<i>Polaribacter</i> sp. Hel1_85	CYN-FKBP	WP_036821955.1	Flavobacteria
<i>Polaribacter vadi</i>	CYN-FKBP	WP_065319140.1	Flavobacteria
<i>Pricia antarctica</i>	CYN-FKBP	SDE04035.1	Flavobacteria
<i>Psychroflexus gondwanensis</i>	CYN-FKBP	WP_003436956.1	Flavobacteria
<i>Psychroflexus sediminis</i>	CYN-FKBP	SDG55100.1	Flavobacteria
<i>Psychroflexus torquis</i>	CYN-FKBP	AFU67563.1	Flavobacteria
<i>Psychroflexus tropicus</i>	CYN-FKBP	WP_019038212.1	Flavobacteria
<i>Psychroserpens burtonensis</i>	CYN-FKBP	WP_028873302.1	Flavobacteria
<i>Psychroserpens damuponensis</i>	CYN-FKBP	WP_040278254.1	Flavobacteria
<i>Riemerella anatipestifer</i> DSM 15868	CYN-FKBP	WP_013446672.1	Flavobacteria
<i>Riemerella anatipestifer</i> RA-YM	CYN-FKBP	EFT35731.1	Flavobacteria
<i>Riemerella columbina</i>	CYN-FKBP	WP_018676593.1	Flavobacteria
<i>Riemerella columbipharyngis</i>	CYN-FKBP	SDE47300.1	Flavobacteria
<i>Robiginitalea biformata</i>	CYN-FKBP	WP_015754216.1	Flavobacteria
<i>Robiginitalea biformata</i> HTCC2501	CYN-FKBP	WP_015755540.1	Flavobacteria
<i>Runella limosa</i>	CYN-FKBP	WP_028522983.1	Flavobacteria
<i>Salegentibacter mishustinae</i>	CYN-FKBP	WP_057481232.1	Flavobacteria
<i>Salegentibacter salegens</i>	CYN-FKBP	WP_079734691.1	Flavobacteria
<i>Salegentibacter salinarum</i>	CYN-FKBP	WP_079713874.1	Flavobacteria
<i>Salinimicrobium catena</i>	CYN-FKBP	SDL76680.1	Flavobacteria
<i>Sediminibacter</i> sp. Hel_I_10	CYN-FKBP	WP_026752871.1	Flavobacteria
<i>Sediminicola</i> sp	CYN-FKBP	WP_062055259.1	Flavobacteria
<i>Soonwooa buanensis</i>	CYN-FKBP	WP_079665888.1	Flavobacteria
<i>Tamlana nanhaiensis</i>	CYN-FKBP	WP_044625819.1	Flavobacteria
<i>Tenacibaculum dicentrarchi</i>	CYN-FKBP	WP_058884629.1	Flavobacteria
<i>Tenacibaculum maritimum</i>	CYN-FKBP	WP_024741596.1	Flavobacteria
<i>Tenacibaculum ovolyticum</i>	CYN-FKBP	WP_028889491.1	Flavobacteria
<i>Tenacibaculum</i> sp.	CYN-FKBP	WP_028891023.1	Flavobacteria
<i>Ulvibacter litoralis</i>	CYN-FKBP	SDE92800.1	Flavobacteria
<i>Vitellibacter aquimaris</i>	CYN-FKBP	WP_062622682.1	Flavobacteria
<i>Wenyingzhuangia fucanilytica</i>	CYN-FKBP	WP_068826390.1	Flavobacteria
<i>Weeksella virosa</i> DSM 16922	CYN-FKBP	WP_013598693.1	Flavobacteria
<i>Winogradskyella psychrotolerans</i>	CYN-FKBP	WP_020896060.1	Flavobacteria
<i>Winogradskyella</i> sp	CYN-FKBP	WP_045468090.1	Flavobacteria
<i>Xanthomarina gelatinilytica</i>	CYN-FKBP	WP_007648709.1	Flavobacteria
<i>Zhouia amylolytica</i>	CYN-FKBP	WP_038265805.1	Flavobacteria
<i>Zobellia galactanivorans</i>	CYN-FKBP	WP_013994175.1	Flavobacteria
<i>Zobellia galactanivorans</i>	CYN-FKBP	WP_013995030.1	Flavobacteria
<i>Zobellia uliginosa</i>	CYN-FKBP	WP_038238738.1	Flavobacteria
<i>Zunongwangia mangrovi</i>	CYN-FKBP	SFC62278.1	Flavobacteria
<i>Zunongwangia profunda</i> SM-A87	CYN-FKBP	WP_013071163.1	Flavobacteria
<i>Zunongwangia profunda</i> SM-A87	CYN-FKBP	WP_013070348.1	Flavobacteria

Others

Ancylostoma ceylanicum (Nematode)	CYN-FKBP	EPB65547.1	Nematode
Candidatus Ruthia magnifica	CYN-FKBP	WP_011737713.1	γ -proteobacteria
Candidatus Thioglobus	CYN-FKBP	WP_053820422.1	γ -proteobacteria
Chitinivibrio alkaliphilus ACht1	CYN-FKBP	ERP38862.1	Fibrobacteres
Desulfobacterales bacterium	CYN-FKBP	OGR19343.1	δ -Proteobacteria
Desulfocapsa sulfexigens	CYN-FKBP	AGF76656.1	δ -Proteobacteria
Desulfobulbus propionicus DSM 2032	CYN-FKBP	WP_015723644.1	δ -Proteobacteria
Desulfotalea psychrophila	CYN-FKBP	WP_011188886.1	δ -Proteobacteria
Hyalella azteca	CYN-FKBP	XP_018019590.1	Arthropod
Nitrospira bacterium	CYN-FKBP	KPK34464.1	Nitrospira