

Supplementary Table S2: Secretin accession numbers.

Species-strain	T2SS secretin
<i>Aeromonas hydrophila</i> (ExeD)	CAA47124.1
<i>Aeromonas hydrophila</i> subsp. <i>hydrophila</i> ATCC 7966 (ExeD)	YP_855102.1
<i>Aeromonas veronii</i> B565 (ExeD)	YP_004393542.1
<i>Candidatus Hamiltonella defensa</i> 5AT (<i>Acyrtosiphon pisum</i>)	YP_002923157.1
<i>Citrobacter koseri</i> ATCC BAA-895 (GspD)	YP_001453787.1
<i>Citrobacter rodentium</i> ICC168 (GspD)	YP_003367904.1
<i>Dickeya dadantii</i> 3937 (SttD)	YP_003883459.1
<i>Dickeya dadantii</i> 3937 (OutD)	YP_003883933.1
<i>Dickeya zeae</i> Ech1591 (SttD)	YP_003005612.1
<i>Dickeya zeae</i> Ech1591 (OutD)	YP_003003641.1
<i>Enterobacter cancerogenus</i> ATCC 35316 (GspD)	ZP_05967041.1
<i>Enterobacter cloacae</i> SCF1 (GspD)	YP_003942468.1
<i>Erwinia</i> sp. Ejp617 (OutD)	ADP10010.1
<i>Escherichia albertii</i> TW07627 (GspD)	ZP_02900292.1
<i>Escherichia coli</i> 55989 (GspD)	YP_002404340.1
<i>Escherichia coli</i> ABU 83972 (<i>Klebsiella</i> -type GspD)	YP_006107718.1
<i>Escherichia coli</i> ABU 83972 (GspD)	YP_006107361.1
<i>Escherichia coli</i> APEC O1 (<i>Klebsiella</i> -type GspD)	YP_858926.1
<i>Escherichia coli</i> APEC O1 (GspD)	YP_854407.1
<i>Escherichia coli</i> B7A (GspD)	ZP_03030864.1
<i>Escherichia coli</i> E24377A (GspD)	YP_001464424.1
<i>Escherichia coli</i> ETEC H10407 (<i>Klebsiella</i> -type GspD)	YP_006117117.1
<i>Escherichia coli</i> ETEC H10407 (GspD)	YP_006116778.1
<i>Escherichia coli</i> IHE3034 (<i>Klebsiella</i> -type GspD)	YP_006102848.1
<i>Escherichia coli</i> IHE3034 (GspD)	YP_006102496.1
<i>Escherichia coli</i> O127:H6 str. E2348/69 (GspD)	YP_002330719.1
<i>Escherichia coli</i> O157:H7 EDL933 (EptD)	YP_325593.1
<i>Escherichia coli</i> O157:H7 str. EC4045 (EptD)	ZP_03258459.1
<i>Escherichia coli</i> O157:H7 str. EC4115 (EptD)	YP_002268498.1
<i>Escherichia coli</i> O7:K1 str. CE10 (GspD)	YP_006145502.1
<i>Escherichia coli</i> SCI-07 (GspD)	EIA35015.1
<i>Escherichia coli</i> SCI-07 (GspD)	EIA35550.1
<i>Escherichia coli</i> STEC_EH250 (GspD)	EGW92118.1
<i>Escherichia coli</i> STEC_H.1.8 (GspD)	EGX06967.1
<i>Escherichia coli</i> UTI89 (GspD)	YP_542748.1
<i>Escherichia coli</i> UTI89 (GspD)	YP_542363.1
<i>Escherichia fergusonii</i> ECD227 (GspD)	EGC96390.1
<i>Grimontia hollisae</i> CIP 101886 (EpsD)	ZP_06050984.1
<i>Klebsiella oxytoca</i> 10-5246 (PulD)	EHT13409.1
<i>Klebsiella oxytoca</i> 10-5250 (PulD)	EHT07150.1
<i>Klebsiella pneumoniae</i> 342 (PulD)	YP_002240367.1

<i>Legionella longbeachae</i> D-4968 (LspD)	ZP_06185717.1
<i>Legionella pneumophila</i> str. Paris (LspD)	YP_123599.1
<i>Pectobacterium carotovorum</i> subsp. <i>brasiliensis</i> PBR1692 (OutD)	ZP_03827789.1
<i>Pectobacterium wasabiae</i> WPP163 (OutD)	YP_003258818.1
<i>Pseudomonas aeruginosa</i> PAO1 (XcpQ)	CAA48582.1
<i>Pseudomonas aeruginosa</i> PAO1 (HxcQ)	NP_249376.1
<i>Pseudomonas aeruginosa</i> PAO1 (XqhA)	NP_250559.1
<i>Pseudomonas fluorescens</i> F113 (HxcQ)	YP_005209094.1
<i>Pseudomonas fluorescens</i> F113 (XcpQ)	YP_005205867.1
<i>Rahnella aquatilis</i> HX2	YP_005400169.1
<i>Serratia proteamaculans</i> 568	YP_001480473.1
<i>Serratia plymuthica</i> PRI-2C	EIJ17929.1
<i>Shigella boydii</i> ATCC 9905 (GspD)	EFW55099.1
<i>Shigella boydii</i> ATCC 9905 (GspD)	EFW55932.1
<i>Shigella</i> sp. D9 (GspD)	ZP_08392631.1
<i>Tolomonas auensis</i> DSM 9187 (ExeD)	YP_002891583.1
<i>Vibrio brasiliensis</i> LMG 20546 (EpsD)	ZP_08099671.1
<i>Vibrio cholerae</i> TM 11079-80 (EpsD)	ZP_04411225.1
<i>Vibrio cholerae</i> V51 (EpsD)	ZP_04919061.1
<i>Vibrio fischeri</i> ES114 (EpsD)	YP_205857.1
<i>Vibrio parahaemolyticus</i> 16 (EpsD)	ZP_05119391.1
<i>Vibrio parahaemolyticus</i> RIMD 2210633 (EpsD)	NP_796512.1
<i>Vibrio tubiashii</i> ATCC 19109 (EpsD)	ZP_08739448.1
<i>Vibrio vulnificus</i> CMCP6 (EpsD)	NP_759853.1
<i>Vibrio vulnificus</i> YJ016 (EpsD)	NP_933007.1
<i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> str. 85-10 (XpsD)	YP_365389.1
<i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> str. 85-10 (XcsD)	YP_362487.1
<i>Yersinia aldovae</i> ATCC 35236 (YstD)	ZP_04621755.1
<i>Yersinia aldovae</i> ATCC 35236 (YstD)	ZP_04620085.1
<i>Yersinia enterocolitica</i> subsp. <i>enterocolitica</i> 8081 (YstD)	YP_001007521.1
<i>Yersinia enterocolitica</i> subsp. <i>enterocolitica</i> 8081 (YstD)	YP_001007724.1
<i>Yersinia pestis</i> KIM10+ (YstD)	NP_670503.1

Pink denotes those secretins that fall within the “Vibrio-type” shown in Figure 4.