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| 254780350 | SP, extracellular?           | 4  | 2  | ortholog proved by one mode of SignalP and Phobius, at least periplasm |
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Note: TMH = Transmembrane, SP = Signal Peptide
2547808519 transmembrane, SP not likely real 6 1 1. Function, flagellar transmembrane component; 2. multi-TMHs
2547808695 transmembrane, SP not likely real 6 1 1. Function, flagellar transmembrane component; 2. double-TMH
255764488 transmembrane, SP not likely real 6 1 1. Function, flagellar transmembrane component; 2. double-TMH
2547808070 transmembrane, SP not likely true 6 1 1. Function, flagellar transmembrane component;
  2. Single-TMH, major part cytoplasmic
2547808548 transmembrane, but SP not likely real 6 1 Single-TMH, major part cytoplasmic
2547807529 transmembrane, SP not likely real 6 1 1. single-TMH, major part periplasmic; 2. ortholog
2547808577 transmembrane, SP not likely real 6 1 1. function; 2. single-TMH, major part periplasmic
2547806201 transmembrane, SP not likely real 6 1 1. Single-TMH at C-terminal, major part periplasmic; 2. ortholog
254780436 transmembrane, SP not likely real 4 1 single-TMH, major part periplasmic
254780961 transmembrane, SP not likely real? 6 1 1. single-TMH, major part periplasmic; 2. ortholog do not have SP by neither mode of SignalP or Phobius; 3. start point is wrong, should add "MSFNRNFVLWI" in front, and it has one SP, one TMH
255764508 transmembrane, SP might be right 6 1 double-TMH
254780367 transmembrane, SP not likely real 6 1 multi-TMHs
254780866 transmembrane, SP not likely real 6 1 multi-TMHs
25478068 transmembrane, SP not likely real 6 1 multi-TMHs
255764466 transmembrane, SP not likely real 6 1 multi-TMHs
254780402 transmembrane, SP not likely real 6 1 double-TMH
254780228 transmembrane, SP not likely real 6 1 1. double-TMHs; 2. start wrong, should add "MMLILFI", then it has double TMHs
254780852 transmembrane, SP not likely real 6 1 multi-TMHs
2547800917 transmembrane, SP not likely real 6 1 1. function; 2. multi-TMHs
254780708 transmembrane, SP not likely real 6 1 multi-TMHs
2547807085 transmembrane, SP not likely real 6 1 1. function; 2. multi-TMHs
254781033 transmembrane, SP not likely real 6 1 multi-TMHs
254780450 transmembrane, SP not likely real 3 1 double-TMH
254780774 transmembrane, SP not likely real 6 1 multi-TMHs
254781079 transmembrane, SP not likely real 5 1 multi-TMHs
254780793 transmembrane, SP not likely real 6 1 multi-TMHs
254780171 transmembrane, SP not likely real 6 1 1. function; 2. multi-TMHs
254780483 transmembrane, SP not likely real 6 1 1. function; 2. multi-TMHs
255764497 transmembrane, SP not likely real 6 1 multi-TMHs
255764468 transmembrane, SP not likely real 6 1 1. multi-TMHs; 2. start point is wrong, should add "MSRKRKFDTVPFNTNY1 RYSIISLDPVFVFGVVCCLAIILIIKDSLDNISIFGLFG" in front
254780860 transmembrane, SP not likely real 6 1 multi-TMHs
255764512 transmembrane, SP not likely real 6 1 1. Single-TMH, major part cytoplasmic
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254781169 transmembrane, SP not likely real 6 1 multi-TMHs
254780799 transmembrane, SP not likely real 6 1 multi-TMHs
254780425 transmembrane, SP not likely real 6 1 Multi-TMHs
254780494 transmembrane, SP not likely real 6 1 1. function; 2. Multi-TMHs
254780335 transmembrane, SP not likely real 6 1 Multi-TMHs
254780721 transmembrane, SP not likely real 6 1 Multi-TMHs
254780298 transmembrane, SP not likely real 6 1 1. function; 2. Multi-TMHs
254780291 transmembrane, SP not likely real 6 1 1. Single-TMH, major part periplasmic
  2. ortholog predicted to have SP by only one mode of SignalP
254780593 transmembrane, SP not likely real 6 1 Multi-TMHs
254780576 transmembrane, SP not likely real 6 1 1. function; 2. Multi-TMHs
254780841 transmembrane, SP not likely real 6 1 Multi-TMHs
254780924 transmembrane, SP not likely real 6 1 Multi-TMHs
254780925 transmembrane, SP not likely real 6 1 1. function; 2. Multi-TMHs
254781178 transmembrane, SP not likely real 6 1 1. Multi-TMHs; 2. Ortholog
254780719 transmembrane, SP not likely real 6 1 1. function; 2. Multi-TMHs
254781002 transmembrane, SP not likely real 6 1 Multi-TMHs
254780323 transmembrane, SP not likely real 5 1 1. function; 2. multi-TMHs
254780967 transmembrane, SP not likely real 6 1 Multi-TMHs
254780818 transmembrane, SP not likely real 5 1 1. Single-TMH, major part cytoplasmic; 2. Pfam;
  3. ortholog predicted to have SP only by Phobius
254780749 transmembrane, SP not likely real 6 1 Multi-TMHs
254781189 transmembrane, SP not likely real 6 1 Multi-TMHs
254781042 transmembrane, SP not likely real 6 1 Multi-TMHs
254780558 transmembrane, SP not likely real 6 1 1. function; 2. Pfam; 3. single TMH at N-terminus and mainly periplasmic,
254781158 transmembrane, SP not likely real 6 1 1. single TMH at N-terminus and mainly periplasmic;
  2.ortholog has SP by Phobius and one mode of SignalP
254780421 transmembrane, SP not likely real 6 1 single TMH at N-terminus and mainly periplasmic,
254780386 transmembrane, SP not likely real 5 1 single TMH at N-terminus and mainly periplasmic,
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N1: number of methods (out of 6) that predict the protein to have transmembrane helix (helices)
N2: number of methods (out of 4) that predict the protein to have a signal peptide
SP: signal peptide
TMH: transmembrane helix

Cell color:
- Yellow: extracytoplasmic proteins that are without signal peptides and that are secreted in Sec-independent pathways;
- Light green: proteins with signal peptides and they are likely function in the extracytoplasmic space;
- Pink: cytoplasmic proteins
- Light blue: transmembrane proteins that are located in the inner membrane of this Gram-negative bacterium.