

Table S4. List of waterborne bacterial pathogens indicating their main environmental reservoir, health significance, and matching 16S rRNA gene accession number

Pathogenic bacteria*	Accession number	Environmental reservoir	Health significance
<i>Acinetobacter baumannii</i>	U10874	Aquatic	Possible (Stewart M and PA Rochelle. 2006)
<i>Aeromonas caviae</i>	LC050172; AB626132	Aquatic	Possible (Igbinosa et al., 2012)
<i>Aeromonas hydrophila</i>	DQ539497	Aquatic	Possible (Elwitigala et al., 2005)
<i>Aeromonas veronii</i>	X60414	Aquatic	Possible (Igbinosa et al., 2012)
<i>Burkholderia cepacia</i> complexe	X80284; X80286; X80287	Soil, plants and aquatic	Possible (Chiarini et al., 2006)
<i>Campylobacter</i> spp.	AY005038; AF302011; DQ531934	Fecal (man, An) ^a	Possible (WHO,2006)
Pathogenic <i>Escherichia coli</i>	BA000007; JASV01000004	Fecal (man, An)	High (WHO, 2006)
<i>Helicobacter</i> spp	AF292376; AJ249852; AJ249853; AJ249854; AJ249855; AJ249856; AJ249857; AJ249858; AJ249859; AJ249860; AF292377; AF292378; AF292379; AF292380; AF292381; AF297868; AF237612	Fecal (man, An)	Possible (Brown, 2000)
<i>Legionella pneumophila</i>	HQ287902; AF122885	Soil and hydric environment (biofilms, warm waters)	High (WHO, 2006)
<i>Leptospira interrogans</i>	X17547; JQ988857	Urinary tract (man),waters, soil infected by animals	High (WHO, 2006)

<i>Mycobacterium avium</i> complex	AF306455	water and soil	High (WHO, 2006)
<i>Nocardia</i> spp.	AF302232; AF302231; AF302230; DQ525592; AJ298932	water and soil	Possible (OTHU)
<i>Pseudomonas aeruginosa</i>	DQ518597; AF094713; AF094714; AF094715; AF094716; AF094717; AF094718; AF094719; AF094720; DQ641680	Aquatic and soil (biofilms), plants, fecal material (man, An), skins (man, An)	High (WHO, 2006)
<i>Salmonella</i> sp.	AE014613; CP007216; CP000026; CP007523	Fecal (man, An)	High (WHO,2006)
<i>Shigella</i> sp.	DQ518591; DQ518595; DQ518598; DQ518602; AM231707; DQ536505; DQ536510; DQ646642	Fecal (man)	High (WHO, 2006)
<i>Staphylococcus aureus</i>	DQ630752; DQ630753	Skins (man), fecal (Hu), Aquatic and soil (biofilms)	High (WHO, 2006)
<i>Stenotrophomonas maltophilia</i>	AJ298934; DQ530116; DQ530118; DQ530130; DQ530138; DQ530140; DQ530144; DQ530153	Soil, plants, Aquatic	Possible (expert opinion)
<i>Vibrio cholerae</i> non-O1/nonO139, <i>V. vulnificus</i> , <i>V. parahaemolyticus</i>	AB041848; AB041849; AB041850; AB041851; AB041852; AB041853; DQ533691; DQ533692; DQ533693	aquatic (sea and estuaries, fecal (man and An)	High (OMS, 2006 ; Farama et al, 2008)
<i>Yersinia enterocolitica</i>	AF282218	Fecal (man, An)	Possible (Arnone et Walling, 2007)

* list defined according to WHO (2006) and Lagriffoul *et al.* (2009), ^a An: Animal