

Supplemental Table S1. Described etiological agents of fusarioses, references and identification methods in turtles and for comparison in land-dwelling tortoises and water-dwelling sharks and sea horses.

Animal Group	<i>Fusarium</i> sp./group	Identification method	References
Turtles	FSSC	Morphology	Cabañes <i>et al.</i> , 1997; Castellá <i>et al.</i> , 1999; Williams <i>et al.</i> , 2012; Rosado-Rodriguez <i>et al.</i> , 2016
		MALDI-TOF	Garcia-Hartmann <i>et al.</i> , 2016
	FSSC-2 <i>F. keratoplasticum</i>	MLST	O'Donnell <i>et al.</i> , 2008; 2016 (MLST); This study
		Morphology/ITS	Sarmiento-Ramírez <i>et al.</i> , 2014 - (morphology& ITS)
	FSSC-3+4 <i>F. falciforme</i>	MLST	O'Donnell <i>et al.</i> , 2008; 2016
		Morphology/ITS	Sarmiento-Ramírez <i>et al.</i> , 2014 b
	FSSC-9a	MLST	O'Donnell <i>et al.</i> , 2008; 2016; This study
	FSSC-12 e/f/h	MLST	O'Donnell <i>et al.</i> , 2016
	FSSC-12 b/c	MLST	This study
	FSSC-27a	MLST	This study
Tortoises	<i>Fusarium oxysporum</i>	MLST	This study
	<i>Fusarium brachygibbosum</i>	MLST	This study
	FIESC- <i>F. incarnatum</i>	Morphology	Rose <i>et al.</i> , 2001 ; Nardoni <i>et al.</i> , 2012
Sharks	FSSC-3+4 <i>F. falciforme</i>	MLST	O'Donnell <i>et al.</i> , 2016
	FFSC-17c	MLST	O'Donnell <i>et al.</i> , 2016
	FSSC	morphology	Smith <i>et al.</i> , 1989;; Crow <i>et al.</i> , 1995
Sea horse	FSSC-2 <i>F. keratoplasticum</i>	MLST	Zhang <i>et al.</i> , 2006; O'Donnell <i>et al.</i> , 2016
	FSSC-12 g/h	MLST	O'Donnell <i>et al.</i> , 2016
	FSSC-43a	MLST	O'Donnell <i>et al.</i> , 2016
	FSSC-12 a	MLST	Salter <i>et al.</i> , 2012