

Sampling locations (km - location from the mouth of the estuary)	Sampling Date	Sample size for genetic analysis ^a	Sample size for genetic analysis according to Winkler et al. 2011	Sample size for morphological analysis ^b	Latitude	Longitude
Elbe estuary Este (*90 km) Brunsbüttel (*30 km)	March 2006 March 2006		32 8	50	53°32'06 N 53°53'24 N	09°47'31 E 09°08'44 E
Scheldt estuary 1 (58 km) 4 (79 km) 9 (111 km)	April 2006 April 2006 April 2006		27 5 14		51°21'06 N 51°13'42 N 51°05'31 N	04°14'58 E 04°23'86 E 04°10'54 E
Scheldt River Antwerp Duaene	April 2011; April 2011	7 1			51°13'42 N 51°N	04°23'86 E 04°E
Seine estuary Tancarville (*28 km) Tancarville (*28 km) 1 2	May 2006 April 2011 May 2008 July 2008	37	38	10 8 9	49°28'33 N 49°28'33 N 49° N 49° N	00°27'54 W 00°27'54 W 00° W 00° W
Tamar Estuary 1(*8 km)	July 2006		5		50° N	04° E
Gulf of Riga St. 163, 0–9 m St. 165, 0–8 m City Port	June 2006 June 2006 Aug. 2008	14	1 4	29	57° N 57° N 57° 04' 44N	23° E 23° E 23°04'44E
Gulf of Finland: Gulf of Vyborg Neva R. estuary Luga R. estuary	Sep. 2007, Aug. 2009 Aug. 2009, Aug. 2010 Jun. 2006 to Sep. 2010	35 2 30		37	60° 23'39N 59° 32'36N 59° 24'13N	28° 26'74E 29° 28'17E 28° 11'06E
Vistula Lagoon	Oct. 2007	5		30	54° 65'02N	20° 23'37E

Swedish coast B1 H4	July 2006 July 2006		9 22		58°44'28 N 58°59'07 N	17°37'60 E 17°43'60 E
Loire estuary Paimboeuf (*17 km) St.1 St.2	April 2006 April 2011 July 2009	52	22	10 9	47°17'23 N	02°01'52 W
Gironde estuary 2(*12 km) E(*48 km) K(*70 km) St.1 St.3	April 2006 April 2006 April 2006 May 2005 July 2009		28 5 29	5 10 4	45°31'00 N 45°14'80 N 45°04'10 N	01°57'00 W 00°43'50 W 00°38'30 W
Lake in the Bois de Boulogne (Paris)	July 2010	3			48° 51' 48 N	2° 15' 07 E

^aNumber of individuals sequenced per location

^bNumber of individuals analyzed with morphological method