

Table 2. Sampling and molecular diversity indices at the population level

Population	Location	Country	Coord	N	N _{hap}	H _e	Site-coded indels (333 bp)*		Block-coded indels (316 bp)*	
							S	$\pi \times 10^2$ (SD) ²	S	$\pi \times 10^2$ (SD)
ASIA										
Dolsando ¹	Jeonnam Province	Korea	34°37'N 127°43'E	24	3	0.45	2	0.14 (0.14)	2	0.15 (0.15)
Maidao Island ²	Shangdong	China	36°3'N 120°25'E	24	1	0.00	0	0.00 (0.00)	0	0.00 (0.00)
Ooita ³	E. Kyushu Island	Japan	32°56'N 131°57'E	23	1	0.00	0	0.00 (0.00)	0	0.00 (0.00)
Nagasaki ³	W. Kyushu Island	Japan	32°44'N 129°52'E	23	2	0.30	1	0.09 (0.11)	1	0.10 (0.12)
Shimoda ³	S. Honshu Island	Japan	34°40'N 138°56'E	24	2	0.08	19	0.48 (0.33)	2	0.03 (0.06)
Total				118	8	0.84 (±0.01)	28	1.23 (0.68)	11	1.21 (0.68)
EUROPE										
Kats Marina ⁴	Zelande (Oosterschelde)	Netherlands	51°33'N 3°57'E	23	2	0.24	1	0.08 (0.10)	1	0.08 (0.10)
Zeebrugge Harbor ⁵	W. Flanders	Belgium	51°19'N 1°51'E	23	5	0.45	3	0.20 (0.18)	3	0.20 (0.18)
Calais Marina ⁵	Dover Strait	France	50°57'N 1°51'E	23	2	0.44	1	0.14 (0.15)	1	0.14 (0.15)
Hamble Marina ⁶	Hampshire	UK	50°51'N 1°19'W	23	4	0.66	3	0.25 (0.21)	3	0.25 (0.21)
Saint Malo ⁷	E. Brittany	France	48°38'N 2°00'W	24	4	0.65	2	0.26 (0.22)	2	0.26 (0.22)
Brest Marina ⁸	W. Brittany	France	48°23'N 4°28'W	21	5	0.49	3	0.19 (0.18)	3	0.19 (0.18)
Cudillero Harbor ⁹	Asturia	Spain	43°32'N 6°06'W	23	2	0.09	1	0.03 (0.06)	1	0.03 (0.06)
Cabo Cee ¹⁰	Galicia	Spain	42°57'N 9°10'W	24	2	0.23	1	0.07 (0.10)	1	0.07 (0.10)
Thau Lagoon ¹¹	Mediterranean Sea	France	43°24'N 3°35'E	24	1	0.00	0	0.00 (0.00)	0	0.00 (0.00)
Total				208	9	0.55 (±0.03)	4	0.21 (0.18)	4	0.21 (0.18)
AUSTRALASIA										
Melbourne ¹²	Victoria	Australia	37°48'S 144°57'E	24	2	0.39	1	0.12 (0.13)	1	0.12 (0.13)
Tinderbox ¹³	SE Tasmania	Australia	43°02'S 147°18'E	24	1	0.00	0	0.00 (0.00)	0	0.00 (0.00)
Bicheno ¹³	Central E. Tasmania	Australia	41°52'S 148°17'E	24	2	0.39	6	0.12 (0.13)	1	0.13 (0.14)
Diamond Harbor ¹⁴	Canterbury, South Island	New Zealand	43°35'S 172°43'E	24	4	0.65	22	2.69 (1.43)	5	0.73 (0.46)
Otago Harbor ¹⁵	Coastal Otago, South Island	New Zealand	45°53'S 170°28'E	24	10	0.88	24	3.54 (1.85)	7	0.99 (0.60)
Total				120	14	0.81 (±0.02)	31	2.77 (1.42)	14	1.66 (0.90)

SOUTH AMERICA										
Golfo Nuevo ¹⁶	Chubut	Argentina	42°46S 65°02'W	24	2	0.29	1	0.09 (0.11)	1	0.09 (0.11)
NORTH AMERICA										
Santa Barbara ¹⁷	California	USA	34°25N 119°42W	23	1	0.00	0	0.00 (0.00)	0	0.00 (0.00)
CROPS										
Korea crop	N/A	Korea	NA	3	2	0.67	1	0.21 (0.27)	1	0.21 (0.27)
Japan crop	N/A	Japan	NA	4	3	0.83	22	3.36 (2.32)	5	0.85 (0.67)
France crop ¹⁸	English Channel	France	48°34'N 1°58'W	24	1	0.00	0	0.00 (0.00)	0	0.00 (0.00)
Total				31	4	0.24 (±0.1)	23	1.20 (0.69)	6	0.29 (0.23)

Coord., geographical coordinates; N_{ind}, number of individuals analysed; N_{hap}, number of haplotypes; H_e, haplotypic diversity; S, number of polymorphic sites; π , nucleotide diversity.

*S, π calculated with the two multiple site indels (respective length=16 and 2 bp) counting as 18 independent sites (total sequence length=333 bp) or grouped into two unique sites (total sequence length=316 bp).

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