

Table S1. The characteristics of sampled female squids.

Sampling date	Gender	ML (cm)	BW (g)	GW (g)	GSI (%)	Gonadal stage	ANG stage	Reproductive phase
Sep, 2016	F	12.5	126.2	< 0.1	N.A.	PO	stage 1	Juvenile female
Sep, 2016	F	15.5	205.2	< 0.1	N.A.	PO	stage 1	Juvenile female
Sep, 2016	F	15.5	196.0	< 0.1	N.A.	PO	stage 1	Juvenile female
Sep, 2016	F	14.5	211.4	< 0.1	N.A.	PO	stage 1	Juvenile female
Oct, 2015	F	19.5	397.5	0.4	0.1	MFO	stage 2	Immature female
Oct, 2015	F	20.5	457.4	0.4	0.1	MFO	stage 2	Immature female
Oct, 2015	F	19.5	396.5	0.4	0.1	PVO	stage 2	Immature female
Oct, 2015	F	24.0	688.5	0.6	0.1	MFO	stage 2	Immature female
Oct, 2015	F	22.8	571.2	0.4	0.1	PVO	stage 2	Immature female
Nov, 2015	F	14.5	175.8	0.5	0.3	PVO	stage 2	Immature female
Nov, 2015	F	15.5	216.5	0.4	0.2	PVO	stage 2	Immature female
Nov, 2015	F	17.0	195.7	0.5	0.2	PVO	stage 2	Immature female
Nov, 2015	F	24.0	713.5	0.7	0.1	PVO	stage 2	Immature female
Nov, 2015	F	25.0	789.1	0.9	0.1	PVO	stage 2	Immature female
Oct, 2016	F	18.0	302.3	0.2	0.1	PVO	stage 2	Immature female
Oct, 2016	F	18.0	308.3	0.3	0.1	PVO	stage 2	Immature female
Oct, 2016	F	17.5	310.7	< 0.1	N.A.	MFO	stage 2	Immature female
Nov, 2016	F	26.0	912.0	0.6	0.1	MFO	stage 2	Immature female
Nov, 2015	F	26.0	938.3	1.3	0.1	EVO	stage 3	Maturing female
Dec, 2015	F	25.0	818.3	2.7	0.3	EVO	stage 3	Maturing female
Dec, 2015	F	23.5	774.5	0.7	0.1	EVO	stage 3	Maturing female
Nov, 2016	F	23.0	717.0	0.8	0.1	EVO	stage 3	Maturing female
Feb, 2016	F	22.0	611.8	1.0	0.2	EVO	stage 3	Maturing female
Dec, 2016	F	N.D.	N.D.	N.D.	N.A.	EVO	stage 3	Maturing female
Dec, 2016	F	21.0	542.0	N.D.	N.A.	EVO	stage 3	Maturing female
Dec, 2016	F	N.D.	N.D.	N.D.	N.A.	EVO	stage 3	Maturing female
Jan, 2017	F	22.5	535.6	N.D.	N.A.	EVO	stage 3	Maturing female
Feb, 2017	F	24.0	735.5	0.5	0.1	EVO	stage 3	Maturing female
Feb, 2017	F	27.0	1120.0	0.7	0.1	EVO	stage 3	Maturing female
Mar, 2017	F	26.0	856.0	N.D.	N.A.	EVO	stage 3	Maturing female
Oct, 2015	F	21.5	552.2	15.9	2.9	RO	stage 4	Mature female
Dec, 2015	F	26.0	986.8	12.1	1.2	RO	stage 4	Mature female
Feb, 2016	F	26.0	883.6	15.6	1.8	RO	stage 4	Mature female
Apr, 2016	F	29.0	1232.5	N.D.	N.A.	LVO	stage 4	Mature female
Feb, 2017	F	25.5	991.0	10.5	1.1	RO	stage 4	Mature female
Mar, 2017	F	25.0	744.0	9.0	1.2	LVO	stage 4	Mature female
Mar, 2017	F	29.0	1159.0	16.5	1.4	LVO	stage 4	Mature female
Mar, 2017	F	33.0	1787.0	27.5	1.5	RO	stage 4	Mature female
Mar, 2017	F	32.0	1650.0	20.2	1.2	RO	stage 4	Mature female