

Species and sex	sex	Strain name	DNaseq - illumina	DNaseq - nanopore	DNaseq - PacBio	RNAseq - annotation	RNAseq - différentiel	HiC	GeneticMap
<i>Ascophyllum nodosum</i>	sperm	n/a	Phaeo			Phaeo - en cours			
<i>Asterocladon rhodochoortonoides</i>		Arho SAF 18.3	SexSea			SexSea			
<i>Chordaria linearis</i>		ClinC8C	SexSea	Phaeo - ERREUR		SexSea	SexSea		
<i>Choristocarpus tenellus</i>	ploidy unknown	KU2346	Phaeo	Phaeo - en cours		Phaeo			
<i>Desmarestia dudresnayi</i>	monoicous GA	DdudBR16	Phaeo				SexSea		
<i>Desmarestia herbacea</i>	female	DmunF	Phaeo & SexSea	Phaeo - en cours			SexSea		
<i>Desmarestia herbacea</i>	male	DmunM	Phaeo & SexSea		SexSea		SexSea	SexSea	
<i>Dictyota dichotoma</i>	female	KB07f IV	SexSea		SexSea		Univ. Ghent (K. Bogaert)		
<i>Dictyota dichotoma</i>	male	ODC1387m	Phaeo	Phaeo					
<i>Dictyota dichotoma</i>	male	KB07m IV					Univ. Ghent (K. Bogaert)	SexSea	
<i>Dictyota dichotoma</i>	SP						Univ. Ghent (K. Bogaert)		
<i>Ectocarpus 'species 1'</i>	female	Ec sil Puy CHCH Z9 G5f (Chile)	Phaeo			Phaeo			
<i>Ectocarpus 'species 1'</i>	male	Ec sil Puy CHCH Z9 G3m (Chile)	Phaeo			Phaeo			
<i>Ectocarpus 'species 12'</i>	female	Ec fas CH92 Nie 2f (Chile)	Phaeo			Phaeo			
<i>Ectocarpus 'species 12'</i>	male	Ec fas CH92 Nie 3m (Chile)	Phaeo			Phaeo			
<i>Ectocarpus 'species 13'</i>	SP	EcNAP12-S#4-19m (Naples)	Phaeo			Phaeo			
<i>Ectocarpus 'species 2'</i>	female	Ec05f (Ec sil Vic88 12-15f) (Australia)	Phaeo	Phaeo		Phaeo			
<i>Ectocarpus 'species 2'</i>	male	Ec06m (Ec sil Vic88 12-11m) (Australia)	Phaeo			Phaeo			
<i>Ectocarpus 'species 3'</i>	female	Ec10f (Ec sil Kiel 95-2f) (Germany)	Phaeo			Phaeo			
<i>Ectocarpus 'species 3'</i>	male	Ec11m (Ec sil Kiel 95-3m) (Germany)	Phaeo			Phaeo			
<i>Ectocarpus 'species 4'</i>	female	Ec02f (Ec sil NZ88 4a3f) (New Zealand)	Phaeo			Phaeo			
<i>Ectocarpus 'species 4'</i>	male	Ec03m (Ec sil NZ88 15d2mv) (New Zealand)	Phaeo			Phaeo			
<i>Ectocarpus 'species 5'</i>	female	Ec13f (Ec sil Jap16 a-8 f) (Japan)	Phaeo			Phaeo			
<i>Ectocarpus 'species 5'</i>	male	Ec12m (Ec sil Jap16 a-1 m) (Japan)	Phaeo			Phaeo			
<i>Ectocarpus 'species 6'</i>	female	EcLAC-371f (Las Cruces)	Phaeo	Phaeo		Phaeo			
<i>Ectocarpus 'species 8'</i>	male	EcLAC-412m (Quintay/Las Cruces)	Phaeo			Phaeo			
<i>Ectocarpus 'species 9'</i>	female	EcSCA-722f (Valdivia)	Phaeo			Phaeo			
<i>Ectocarpus crouaniorum (2c)</i>	male	Ec862m (Roscoff) (previously EcPH12-21m)	Phaeo	Phaeo		Phaeo			
<i>Ectocarpus crouaniorum (2c)</i>	female	Ec861f (Roscoff) (previously EcPH12-09f)	Phaeo			Phaeo			
<i>Ectocarpus fasciculatus</i>	female	Ec846f (previously Ec191 B4 f)	sexseaweed			Phaeo			
<i>Ectocarpus fasciculatus</i>	male	Ec847m (previously Ec191 A9 m)	sexseaweed	Phaeo		Phaeo			
<i>Ectocarpus siliculosus (1a)</i>	female	Ec 863f (Roscoff) (previously EcPH12-90f)	Phaeo			Phaeo			
<i>Ectocarpus siliculosus (1a)</i>	male	Ec864m (Roscoff) (previously EcPH12-78m)	Phaeo	Phaeo		Phaeo			
<i>Feldmannia mitchelliae</i>	monoicous GA	KU-2106 Giff mitch BNC GA	Phaeo				Phaeo		
<i>Fibrocapsa japonica</i>		RCC1501	Phaeo			Phaeo			
<i>Fucus disticus</i>	diploid meristem	n/a	Univ. Nord, Norway (G. Hoarau)						
<i>Fucus disticus</i>	reproductive						Univ. Nord, Norway (G. Hoarau)		
<i>Fucus disticus</i>	vegetative						Univ. Nord, Norway (G. Hoarau)		
<i>Fucus serratus</i>		SP-segregating population P3: ROSf3 x LMqm1; 149 offspring							SexSea
<i>Fucus serratus</i>	male	sperm	Phaeo	Phaeo					
<i>Fucus serratus</i>	male	vegetative					Univ. Nord, Norway (G. Hoarau)		
<i>Fucus serratus</i>	male	reproductive					Univ. Nord, Norway (G. Hoarau)		
<i>Fucus serratus</i>	female	eggs	SexSea						
<i>Fucus serratus</i>	female	vegetative					Univ. Nord, Norway (G. Hoarau)		
<i>Fucus serratus</i>	female	reproductive					Univ. Nord, Norway (G. Hoarau)		
<i>Halopteris paniculata</i>		Hal grac a UBK	SexSea		SexSea	SexSea	SexSea		
<i>Heribaudiella fluviatilis</i>		SAG. 13.90	Phaeo			Phaeo			
<i>Heterosigma akashiwo</i>		CCMP452	Phaeo			Univ. Washington, USA (R.A.Cattolico)			
<i>Himantalia elongata</i>	diploid meristem	Hime11	Phaeo			Phaeo			
<i>Laminaria digitata</i>	male	LdigPH10-18mv (male Perharidy strain with virus)	Phaeo	Phaeo - en cours		Phaeo			
<i>Laminarionema elsbetiae</i>	SP	ELsaHSOW15	Phaeo	Phaeo - en cours		Phaeo			
<i>Macrocyctis pyrifera</i>	female	P11A1	sexseaweed	Phaeo - en cours			SexSea		
<i>Macrocyctis pyrifera</i>	male	P11B4	sexseaweed				SexSea		
<i>Myriotrichia clavaeformis</i>	female	Myr cla04 female	SexSea				Phaeo		
<i>Myriotrichia clavaeformis</i>	male	Myr cla05 male	SexSea				Phaeo		
<i>Myriotrichia clavaeformis</i>	SP						Phaeo		
<i>Nemoderma tingitanum</i>		NtiBy17-01	SexSea			SexSea			
<i>Pelvetia canaliculata</i>	diploid meristem	n/a	Phaeo			Phaeo			
<i>Phaeothamnion confervicola</i>	ploidy unknown	SAG 119.79	Phaeo			Phaeo - en cours			
<i>Pleurocladia lacustris</i>	ploidy unknown	SAG 25.93	Phaeo			Phaeo	Phaeo		
<i>Porterinema fluviatile</i>	ploidy unknown	SAG 2381	Phaeo	Phaeo		Phaeo	Phaeo		
<i>Pylaiella littoralis (espèce MtB)</i>	GA of unknown sex	U1.48	Phaeo				Phaeo		
<i>Saccharina latissima</i>	female	SLPER63f (Roscoff)	Phaeo		SexSea	Phaeo - en cours			
<i>Saccharina latissima</i>	male	SLPER63m (Roscoff)	Phaeo	Phaeo - en cours		Phaeo - en cours			

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Saccorhiza dermatodea	monoicous GA	SderLü1190fm (Canada?, Akira)	Phaeo				SexSea		
Saccorhiza polyschides	female	SpolBR94f (Brittany 1994,Akira)	Phaeo		SexSea		SexSea		
	male	SpolBR94m (Brittany 1994,Akira)	Phaeo				SexSea		SexSea
Sargassum natans (morphotype VIII)		Sample : S12-GP-S1-12	Phaeo						
Schizocladia ischiensis	ploidy unknown	KU333	Phaeo	Phaeo		Phaeo		SexSea	
Hapterophycus canaliculatus	female	Oshoro St 2 f1				Phaeo			
	male	Oshoro St 2 m2				Phaeo			
	female	Oshoro5f	Phaeo				Phaeo - en cours		
	male	Oshoro7m	Phaeo				Phaeo - en cours		
	SP						Phaeo - en cours		
Scytosiphon lomentaria	female	000310-Muroran-5-female	Phaeo				Phaeo - en cours		
	male	110409 Ot110409-Otamoi-16-male	Phaeo	Phaeo			Phaeo - en cours	SexSea	
	SP	SXS103 x SXS105					Phaeo - en cours		SexSea
Sphacelaria rigidula	female	Sph rig Cal Mo 4-1-68b (KU-MACC1312)	Phaeo	Phaeo - en cours			Phaeo		
	male	Sph rig Cal Mo 4-1-G3b (KU-MACC1312; synonym: Cal_male)	SexSea				Phaeo	SexSea	
	SP	Sph rig Cal Mo SP					Phaeo		
Sphaerotrichia firma	female	ET2 F	Phaeo				Phaeo		
	male	ET2 M	SexSea						
		Sfir 13m	SexSea				Phaeo	SexSea	
Undaria pinnatifida	female	Unif bizeux (St. Malo)	SexSea			Phaeo			
	male	Un1m	Phaeo			Phaeo			