



UNIVERSITY OF GOTHENBURG  
CENTRE FOR MARINE EVOLUTIONARY BIOLOGY

IMAGO Marine Genome Project

Current status genome sequencing: 2012-10-10

CeMEB/IMAGO Organisms	Common name	Genome size (Gbp; haploid)	DNA libraries (fragment size)	Total number of Gbp	Total size assembly (Mbp)	contig N50	max contig size
<i>Balanus improvisus</i>	Bay barnacle	0.7 - 1.4	150, 300 & 3 000	180	509	1 514	61 346
<i>Amphiura filiformis</i>	Brittlestar	2.5	300	34	811	822	216 866
<i>Debaryomyces hansenii</i> *	Marine yeast	0.0138	150	20	6-29	1 615 - 84 127	208 142 - 513 767
<i>Fucus vesiculosus</i>	Bladderwrack	1.1	300	34	176	453	64 287
<i>Idotea balthica</i>	Baltic isopod	2	300	45	771	695	402 660
<i>Littorina saxatilis</i>	Periwinkle	1.5	300 & 5 000	101	473	915	23 809
<i>Pomatoschistus minutus</i>	Sand goby	1	300	74	568	1 534	58 716
<i>Skeletonema marinoi</i>	Diatome	0.05-0.1		0	-	-	-

Total = 488Gbp

