



UNIVERSITY OF GOTHENBURG
CENTRE FOR MARINE EVOLUTIONARY BIOLOGY

IMAGO Marine Genome Project

Current status genome sequencing: **2013-04-25**

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 kb
<i>Amphiura filiformis</i>	Brittlestar	2.5	300	66	958	937	220 kb
<i>Debaryomyces hansenii</i> *	Marine yeast	0.0138	150	20	6-29	1 615 - 84 127	208 kb - 513 kb
<i>Fucus vesiculosus</i>	Bladderwrack	1.1	300	65	176	453	42 kb
<i>Idotea balthica</i>	Baltic isopod	2	N/A	N/A	N/A	N/A	N/A
<i>Littorina saxatilis</i>	Periwinkle	1.5	150, 300 & 5 000	150	466	852	25.1 kb
<i>Pomatoschistus minutus</i>	Sand goby	1	300	74	568	1 534	58 kb
<i>Skeletonema marinoi</i>	Diatome	0.05-0.1	300	32	49	1673	506 kb

Total = 587Gbp

