



ISGA 2015



Biotechnology		
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ABISGA-0210	PATHOGEN-SPECIFIC TRADE-OFFS IN HOST TOLERANCE AND SUSCEPTIBILITY PHENOTYPES	Antczak P., Williams D., Olohan L., Kay S., Fang Y., Gregory R., King K., McAndrew B., Dixon P., Jeney G., Falciani F., Jeney Z. , Cossins A.R.
ABISGA-0220	DIFFERENTIALLY EXPRESSED GENES IN <i>IN VITRO</i> STIMULATED <i>Ruditapes philippinarum</i> -HAEMOCYTE AND <i>Perkinsus olseni</i> -TROPHOZOITE: UNVEILING HOST-PARASITE INTERACTION IN PERKINSOSIS	Hasanuzzaman A.F.M. , Robledo D., Gómez-Tato A., Alvarez-Dios J.A., Harrison P., Fernández-Boo S., Cao A., Villalba A., Pardo B.G., Martínez P.
ABISGA-0228	EXPRESSION PATTERN ANALYSIS OF GENES INVOLVED IN GONAD DEVELOPMENT IN TURBOT (<i>Scophthalmus maximus</i>)	Taboada X. , Martínez P., Adrio F., Viñas A.
ABISGA-0231	A FLAT OYSTER DATABASE FROM GENOMIC AND EXPRESSED SEQUENCES TAG OBTAINED FROM HAEMOCYTES INFECTED WITH <i>Bonamia ostreae</i> , REPETITIVE ELEMENTS AND OLIGO-MICROARRAY DEVELOPMENT	Pardo B.G. , Alvarez-Dios J.A., Gómez-Tato A., Vera M., Bello X., Bartolomé C., Maside X., Carlsson J., Carlsson N., Cao A., Villalba A., Martínez P.
ABISGA-0233a	microRNA IDENTIFICATION AND CHARACTERIZATION IN TURBOT (<i>Scophthalmus maximus</i>)	Robledo D. , Martin A.P., Alvarez-Dios J.A., Pardo B.G., Martínez P.
ABISGA-0239	RESPONSE OF GENES INVOLVED IN LIPID METABOLISM OF ATLANTIC SALMON FAMILIES FED TO PARTIAL PLANT OIL-DIET	Lam N. , Cordova V., Ulloa P., Araneda C., Di Genova A., Maass A., Iturra P.

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ABISGA-0006	GENOMICS: MARKER ASSISTED SELECTION GENOME-WIDE SEARCH FOR QTL FOR GROWTH TRAITS OF SALINE TILAPIA (<i>Oreochromis spp.</i>)	Lin G. , Yue G. H.
ABISGA-0049	GENOTYPING BY SEQUENCING USING NEXTseq 500 IN SELECTIVE BREEDING OF ASIAN SEABASS	Wang L. , Wan Z.Y., Yue G.H.
ABISGA-0075	IDENTIFICATION OF GROWTH-RELATED QUANTITATIVE TRAIT LOCI AND HIGH-RESOLUTION GENETIC LINKAGE MAPS USING SIMPLE SEQUENCE REPEAT MARKERS IN THE KELP GROUPER (<i>Epinephelus bruneus</i>)	Kessuwan K., Kubota S., Liu Q., Sano M., Okamoto N., Sakamoto T., Yamashita H., Nakamura Y., Ozaki A.
ABISGA-0085	IDENTIFICATION AND MAPPING OF A SCAR MARKER LINKED TO A LOCUS INVOLVED IN SHELL PIGMENTATION OF THE PACIFIC OYSTER <i>Crassostrea gigas</i>	Li Q. , Ge J.L., Kong L.F.
ABISGA-0088	SEQUENCING AND ASSEMBLY OF A 10 Mb REGION OF THE ASIAN SEABASS GENOME CONTAINING GROWTH-ASSOCIATED QTLS	Ngoh S.Y., Thevasagayam N.M., Prakki S.R.S., Orbán L., Shen X.Y.
ABISGA-0090	GENOME-WIDE MARKER SEGREGATION DISTORTION IN MUSSELS <i>Mytilus spp.</i>	Peñaloza C. , Bishop S.C., Houston R.D.
ABISGA-0091a	TURNING AQUACULTURED TELEOSTS TO MODEL SPECIES: LINKAGE MAP CONSTRUCTION FOR RED PORGY <i>Pagrus pagrus</i> USING RAD SEQUENCING	Tsakogiannis A., Manousaki T., Tsaparis D., Papandroulakis N., Mylonas C.C.,

		Tsigenopoulos C.S.
ABISGA-0093a	MICROSATELLITE POLYMORPHISM IN GROWTH HORMONE GENE AND ITS ASSOCIATION WITH PRODUCTION PERFORMANCE OF NILE TILAPIA STRAINS	Dias M.A.D., Bueno-Filho J.S.S., Jaser S.K.K., Freitas R.T.F., Hilsdorf A.W.S.
ABISGA-0098b	MULTI-GENE SCREENING APPLICATION FOR MUTAGENIZED POPULATIONS. APPLICATION OF MUTANT SCREENING FOR MULTI-GENES USING NEXT GENERATION SEQUENCING TECHNOLOGY FROM MUTAGENIZED POPULATIONS	Okamoto H. , Ishikawa T., Nishiki I., Iwasaki Y., Kai W., Fujiwara A.
ABISGA-0098d	CONVENIENT PHYSICAL GENOME MAP OF FLOUNDER. A PRACTICAL WHOLE-GENOME RADIATION HYBRID MAP OF JAPANESE FLOUNDER	Okamoto H. , Aoki J., Nozaki T., Ozaki A., Uji S., Fuji K., Sakamoto T., Okamoto N., Kawai J., Araki K., Ekker M.
ABISGA-0108	DEVELOPMENT OF GENOMIC TOOLS IN SENEGALESE SOLE: TRANSCRIPTOME ASSEMBLY, ANNOTATED DATABASE, MICROARRAY AND GENOME DRAFT	Manchado M. , Benzekri H., Seoane P., Bautista R., Sánchez J.J., Cousin X., Planas J.V., Rebordinos L., Claros M.G.
ABISGA-0124	DNA SEQUENCE VARIATION OF COMMON CARP MYOSTATIN - A CANDIDATE GROWTH GENE	Kohlmann K. , Kersten P., Gela D., Irnazarow I., Füllner G.
ABISGA-0132	GENOME WIDE ASSOCIATION STUDY IDENTIFIES SNPS ASSOCIATED WITH EARLY GROWTH PERFORMANCE IN ATLANTIC SALMON (<i>S. Salar</i>)	Tsai H.Y. , Hamilton A., Guy D.R., Tinch A.E., Bishop S.C., Houston R.D.
ABISGA-0141	MYOD-2 SNPs IN GILT HEAD SEABREAM <i>Sparus aurata</i> L.: POTENCIAL GENETIC VARIANTS LINKED TO BODY WEIGHT	García-Fernández C. , Sánchez J.A., Blanco G.
ABISGA-0147a	WHOLE GENOME SEQUENCING AND PRELIMINARY ANALYSIS IN TURBOT, <i>Scophthalmus maximus</i>	Shao C.W., Chen S.L.
ABISGA-0167	POLYMORPHISMS IN MYOSTATIN GENE AND ASSOCIATIONS WITH GROWTH TRAITS IN <i>Ancherythoculter nigrocauda</i>	Sun Y.H. , Li Q., Tong J.G., Wang G.Y., Zhu D.M., Chen J., Li P.
ABISGA-0172a	ALLELE SPECIFIC EXPRESSION ON LIVER AND HEAD KIDNEY OF <i>Salmo salar</i> WITH DIFFERENTIAL SUSCEPTIBILITY TO THE CHALLENGE WITH <i>Piscirickettsia salmonis</i>	Dettleff P. , Martinez V.
ABISGA-0176	GENOME WIDE ASSOCIATION ANALYSIS REVEALS GENETIC ARCHITECTURE OF THE RESISTANCE TO <i>Piscirickettsia Salmonis</i> IN ATLANTIC SALMON (<i>Salmo salar</i> L.)	Correa K., Lhorente J.P., López M.E. , Figueroa R., Bassini L., Di Genova A., Maass A., Davidson W., Yáñez J.M.
ABISGA-0176a	GENOME WIDE ASSOCIATION ANALYSIS FOR RESISTANCE TO <i>Caligus rogercresseyi</i> IN ATLANTIC SALMON (<i>Salmo salar</i> L.)	Correa K., Lhorente J.P., López M.E. , Figuera R., Bassini L., Di Genova A., Maass A., Davidson W., Yáñez J.M.
ABISGA-0184	GENETIC DIVERSITY ASSOCIATED WITH MICROSATELLITE MARKERS IN GROWTH HORMONE GENE AND NEUTRAL LOCI OF THE NILE TILAPIA (<i>Oreochromis niloticus</i>)	Dias M.A.D. , Freitas R.T.F., Arranz S.E., Villanova G.V., Hilsdorf A.W.S.

ABISGA-0188d	DISCOVERY OF PARALOGOUS REGIONS IN THE COHO SALMON GENOME USING REDUCED REPRESENTATION SEQUENCING	Martinez V. , Bravo C., Barra V. Machuca A., Patel A.
ABISGA-0192	A QTL FOR RESISTANCE TO INFECTIOUS PANCREATIC NECROSIS IN RAINBOW TROUT	Moen T. , Ødegård J., Baranski M., Lien S., Santi N.
ABISGA-192a	EPITHELIAL CADHERIN DETERMINES RESISTANCE TO INFECTIOUS PANCREATIC NECROSIS IN ATLANTIC SALMON	Moen T. , Torgersen J., Santi N., Davidson W.S., Baranski M., Ødegård J., Kjøglum S., Velle B., Kent M., Lubieniecki K.P., Isdal E., Lien S.
ABISGA-0203a	GENERATION OF GENOMIC RESOURCES FOR ATLANTIC STURGEON USING NEXT GENERATION SEQUENCING	Hori T., Stannard J., Plouffe D. , Buchanan J., Fast M.
ABISGA-0205	BIO-ECONOMIC MODELING: A KEY TOOL TO EVALUATE THE BENEFITS OF GENOMIC SELECTION IN ATLANTIC SALMON	Araneda M.E. , Yáñez J.M., Lhorente J.P., Moreno J.M.
ABISGA-0221	SEQUENCING AND ARRAY-BASED METHODS FOR RESOLVING GENOMIC INQUIRY IN AQUACULTURE	Lawley C. , MacLaren-Lee I., Albadalejo J.
ABISGA-0236	INTEGRATION OF GENOMIC, RNASEQ AND QTL RESOURCES IDENTIFIES VARIATION IN CANDIDATE GENES FOR GROWTH IN TURBOT (<i>Scophthalmus maximus</i> L.)	Robledo D., Fernández C., Hermida M., Sciara A., Arranz S.E., Alvarez-Dios J.A., Caamaño R., Álvarez-Castro J.M., Nettelblad C., Martínez P., Bouza C.
ABISGA-0236a	COMPILATION OF QTL FOR RESISTANCE TO BACTERIAL, PARASITIC AND VIRAL DISEASES IN TURBOT (<i>Scophthalmus maximus</i>)	Rodríguez-Ramilo S.T., de la Herrán R., Ruiz-Rejón C., Hermida M., Fernández C., Pereiro P., Novoa B., Figueras A., Bouza C., Toro M.A., Martínez P. , Fernández J.
ABISGA-0236b	VALIDATION OF GROWTH-RELATED QTL FOR MARKER ASSISTED SELECTION IN TURBOT (<i>Scophthalmus maximus</i>)	Sciara A.A., Rodríguez-Ramilo S.T., Hermida M., Gómez-Tato A., Fernández J., Bouza C. , Martínez P.
ABISGA-0242	GENETIC ARCHITECTURES AND RESPONSE TO SELECTION	Álvarez-Castro J.M.
ABISGA-0307	TRANSFER AND IMPLEMENTATION OF GENOMIC SELECTION IN A NORTH AMERICAN <i>Salmo salar</i> BREEDING PROGRAM	Ang K.P. , Elliott J.A.K., Powell F., Schaeffer L.R., Boulding E.G.
ABISGA-0340	PRELIMINARY RESULTS OF THE TRAINING PANEL SNP'S AND PHENOTYPIC VARIABILITY IN THE MUSSEL <i>Mytilus galloprovincialis</i>	Gallardo J. , Prieto P., Arriagada D., Espinoza C., Hermida M., Martínez P. & Faúndez V.
Sex Control		
ABISGA-0030	MULTIPLE SEX-ASSOCIATED SNPS IDENTIFIED IN <i>Characidium gomesi</i>	Scacchetti P.C. , Martinez P., Hermida M., Robledo D., Mank J., Taggart J., Bekaert M.,

	(TELEOSTEI: CHARACIFORMES) USING RAD MARKERS	Utsunomia R., Pansonato-Alves J.C., Oliveira C., Foresti F.
ABISGA-0052	SEXUAL DIMORPHISM EXPRESSION OF GENES IN GONADS DURING MATURITY DEVELOPMENTAL STAGES OF GREAT STURGEON <i>Huso huso</i>	Yarmohammadi M. , Pourkazemi M., Kazemi R., Yazdani A.M., Hallajian A., Hassanzadeh Saber M., Yousefi A., Ranjbar H.R.
ABISGA-0052a	EXPRESSION ANALYSIS OF THE SOX9 GENE, DURING EARLY DEVELOPMENT OF <i>Acipenser persicus</i>	Ranjbar H.R., Yarmohammadi M. , Sadjadi M.M., Kazemi R.
ABISGA-0069a	GENE EXPRESSION DURING SEX DIFFERENTIATION IN CORTISOL DEFICIENT COMMON CARP, <i>Cyprinus carpio</i> L.	Van Pelt H. , Komen H.
ABISGA-0148	TRANSCRIPTOME AND THE POTENCIAL GENETIC GENE ANALYSIS UPON THE PHENOMINON OF ADIPOSE SURROUNDING OVARY IN CULTURED SIBERIAN STURGEON (<i>Acipenser baeri</i>)	Hu H-X. , Dong T., Dong Y., Zhu H.
ABISGA-0178	MASCULINIZATION INDUCED BY ANDROGEN IN ORANGE-SPOTTED GROUPEP <i>Epinephelus coioides</i>	Li S., Zhang H., Zhang Y. , Lin H.
ABISGA-0201b	<i>FOXL2</i> GENE PLAYS A DECISIVE ROLE FOR EARLY SEX DIFFERENTIATION IN BLUEGILL SUNFISH <i>Lepomis macrochirus</i> IN DIFFERENT TEMPERATURE ENVIROMENTS	Shen Z.G., Wang H.P. , Li Y.H., Yao H., Eissa N.
ABISGA-0248a	TRANSCRIPTOMIC STUDY OF GONADAL SEX DIFFERENCIATION IN TURBOT (<i>Scophthalmus maximus</i>) USING A SPECIES-SPECIFIC MICROARRAY ENRICHED WITH REPRODUCTION-RELATED GENES	Ribas L., Robledo D., Gómez-Tato A., Viñas A., Martínez P., Piferrer F.