



ThermoFisher
SCIENTIFIC

CONVOCATORIA DE APOYO PARA PROYECTOS DE MICROARREGLOS

Publicación de la Convocatoria	24 de enero de 2020.
Fecha de Aplicaciones	Hasta el 28 de febrero de 2020.
Fecha de Publicación de Resultados	30 de marzo de 2020.
Entrega de muestras de ADN	Antes de 3 meses a partir de la Publicación de Resultados

Estimados Investigadores:

El Programa de Apoyos para Proyectos de Microarreglos (antigua plataforma Affymetrix) en conjunto con LANGEBIO (Applied Biosystems - LANGEBIO Grants Program) se complace en invitarlos a participar en la edición 2020 del concurso de Microarreglos organizado por el Laboratorio de Servicios Genómicos ("LABSERGEN") de LANGEBIO – CINVESTAV, México y Thermo Fisher Scientific.

Nuestro propósito es apoyar la aplicación de tecnologías de microarreglos en proyectos novedosos que ayuden a ampliar el estudio de la biodiversidad de México y con ello, dar soporte a la creciente comunidad científica dedicada a las Ciencias Genómicas. Se recibirán propuestas de todas las áreas de investigación que hagan uso de plataformas de microarreglos de alta densidad con el equipo GeneTitan sin distinción de organismo o especie. Se anexa tabla de los diseños disponibles para este concurso al final de la propuesta.

Thermo Fisher Scientific aportará los reactivos necesarios para la preparación de una corrida de 96 muestras. Los investigadores proponentes deberán contar con las muestras de ADN ya

extraídas y cuantificadas para realizar el proyecto. El procesamiento de muestras en el equipo GeneTitan se ofrecerá sin costo por parte de LABSERGEN, cuyo personal trabajará estrechamente con el equipo ganador para realizar el proyecto.

La convocatoria estará abierta desde el 24 de enero de 2020 y hasta el 28 de febrero de 2020. Las propuestas serán evaluadas por un Comité formado por académicos de LANGEBIO y especialistas de Thermo Fisher Scientific. El comité estará a cargo del proceso de evaluación de propuestas y decidirá en conjunto cuál será el proyecto ganador.

LABSERGEN contactará a la persona responsable del proyecto ganador para coordinar los detalles de la realización del proyecto a partir del 30 de marzo de 2020 y se programará la entrega de muestras de ADN al laboratorio en un tiempo máximo de 3 meses.

Para participar, es necesario ingresar al siguiente enlace y proporcionar la información requerida:

<https://www.thermofishersurvey.com/se/697ADE7D1C9811D1>

Para mayor información y dudas, favor de contactar a:

Q. Beatriz Jiménez Moraila, LANGEBIO - CINVESTAV beatriz.jimenez@cinvestav.mx

Comité Evaluador:

- Dr. Andrés Moreno Estrada, Profesor Responsable de Servicios Genómicos de LANGEBIO
- Q. Beatriz Jiménez Moraila, Responsable Técnico del LABSERGEN.
- Gustavo Olvera, Field Applications Specialist, Microarray solutions North LatAm, Thermo Fisher Scientific
- Andre Camargo, Sr. Business Development Manager, Thermo Fisher Scientific

DISEÑOS DISPONIBLES:

Arrays	Número de Marcadores	Formato	Catálogo No.	Página de Descripción de Producto
Plants and Crops				
Axiom Apple Genotyping Array	480,000	96-array	550573	https://www.thermofisher.com/order/catalog/product/550573
Axoim Citrus HD Genotyping Array (Citrus15 AX1)	702,244	96-array	550729	Brochura: https://www.thermofisher.com/document-connect/document-connect.html?url=https%3A%2F%2Fassets.thermofisher.com%2Fassets%2Fgds%2Fbrochures%2Faxiom-genotyping-arrays-agrigenomics-brochure.pdf&title=QnJvY2h1cmU6IEF4aW9tIEdlbm90eXB
Axoim Citrus HD Genotyping Array (Citrus15 AX2)	702,198	96-array	550730	Brochura: https://www.thermofisher.com/document-connect/document-connect.html?url=https%3A%2F%2Fassets.thermofisher.com%2Fassets%2Fgds%2Fbrochures%2Faxiom-genotyping-arrays-agrigenomics-brochure.pdf&title=QnJvY2h1cmU6IEF4aW9tIEdlbm90eXB
Axiom Cotton Genotyping Array	35,550	96-array	550563	https://www.thermofisher.com/order/catalog/product/550563
Axiom Eucalyptus Genotyping Array - Euc72k	72,202	96-array	551135	No PDP: solo un video de ejemplo https://www.thermofisher.com/br/pt/home/life-science/agricultural-biotechnology/agrigenomics/agrigenomics-videos-webinars.html
Axiom Maize Genotyping Array	616,201	96-array	550494	https://www.thermofisher.com/order/catalog/product/550494
Axiom Peanut Genotyping Array	47,837	Mini 96-array	550865	https://www.thermofisher.com/br/pt/home/life-science/agricultural-biotechnology/agrigenomics/plants.html

Axiom Pinus taeda - Loblolly Pine Genotyping Array - Pita50k	50,000	Mini 96-array	551133	No PDP
Axiom Pinus radiata Genotyping Array	50,000	Mini 96-array	551115	No PDP
Axiom Rice Genotyping Array	49,600	96-array	550625	https://www.thermofisher.com/order/catalog/product/550625
Axiom Rose Genotyping Array	137,786	96-array	550450	Brochura: https://www.thermofisher.com/document-connect/document-connect.html?url=https%3A%2F%2Fassets.thermofisher.com%2Fassets%2FGSD%2Fbrochures%2Faxiom-genotyping-arrays-agrigenomics-brochure.pdf&title=QnJvY2h1cmU6IEF4aW90tEdlBm90eXBpbmcgQXJyYXlzlGZvcjBBZ3JpZ2Vub21pY3M=
Axiom Rye Genotyping Array	600,843	96-array	550535	Brochura: https://www.thermofisher.com/document-connect/document-connect.html?url=https%3A%2F%2Fassets.thermofisher.com%2Fassets%2FGSD%2Fbrochures%2Faxiom-genotyping-arrays-agrigenomics-brochure.pdf&title=QnJvY2h1cmU6IEF4aW90tEdlBm90eXB
Axiom Soybean Genotyping Array	180,961	96-array	550469	https://www.thermofisher.com/order/catalog/product/550469
Axiom Strawberry Genotyping Array (iStraw90K)	95,062	96-array	550466	https://www.thermofisher.com/order/catalog/product/550466
Axiom Strawberry Genotyping Array (i35)	34,260	Mini 96-array	550827	https://www.thermofisher.com/br/pt/home/life-science/agricultural-biotechnology/agrigenomics/plants.html
Axiom Tomato Genotyping Array	51,214	96-array	550497	https://www.thermofisher.com/br/pt/home/life-science/agricultural-biotechnology/agrigenomics/plants.html
Axiom Wheat HD Genotyping Array (Bristol W1)	817,000	96-array	550491	https://www.thermofisher.com/order/catalog/product/550491

Axiom Wheat HD Genotyping Array (Bristol W2)	817,000	96-array	550492	https://www.thermofisher.com/order/catalog/product/550492
Axiom Wheat Breeders Genotyping Array	35,000	Mini 96-array	550966	https://www.thermofisher.com/order/catalog/product/550524
Axiom BreedWheat 35K Genotyping Array (TaBW35K)	35,000	Mini 96-array	550879	https://www.thermofisher.com/order/catalog/product/550879?SID=srch-hj-550879#/550879?SID=srch-hj-550879
Livestock and Poultry				
Axiom Genome-Wide BOS 1 Bovine Array Kit	648,855	96-array	901791	https://www.thermofisher.com/order/catalog/product/901791
Axiom Bovine v3 Genotyping Array	64	Mini 96-array	551090	https://www.thermofisher.com/order/catalog/product/550853
Axiom Bovine-Ovine-Caprine Genotyping Array (Bovine)	54,560	96-array	550627	https://www.thermofisher.com/order/catalog/product/550627
Axiom Bovine-Ovine-Caprine Genotyping Array (Ovine)	60,000	96-array	550627	https://www.thermofisher.com/order/catalog/product/550627
Axiom Bovine-Ovine-Caprine Genotyping Array (Caprine)	54,236	96-array	550627	https://www.thermofisher.com/order/catalog/product/550627
Axiom Buffalo Genotyping Array	90,000	96-array	550431	https://www.thermofisher.com/order/catalog/product/550431
Axiom Genome-Wide Chicken Array Kit	580,000	96-array	902148	https://www.thermofisher.com/order/catalog/product/902148
Axiom Equine Genotyping Array	670,796	96-array	550583	https://www.thermofisher.com/order/catalog/product/550583
Axiom Equine Plus Genotyping Array	670,800	96-array	550624	https://www.thermofisher.com/document-connect/document-connect.html?url=https%3A%2F%2Fassets.thermofisher.com%2FTFS-Assets%2FGSD%2Fbrochures%2Faxiom-genotyping-arrays-agrigenomics-brochure.pdf&title=QnJvY2h1cmU6IEF4aW9tIEdlbm90eXBpbmcqQXJyYXlzIGZvcjBBZ3JpZ2Vub21pY3M=
Axiom Porcine HD Genotyping Array	658,692	96-array	550588	https://www.thermofisher.com/order/catalog/product/550588
Axiom Porcine Breeders Genotyping Array	55,232	Mini 96-array	550855	https://www.thermofisher.com/order/catalog/product/550855
Axiom Turkey Genotyping Array	643,845	96-array	550538	https://www.thermofisher.com/document-connect/document-connect/

				connect.html?url=https%3A%2F%2Fassets.thermofisher.com%2Fassets%2FAssets%2FGSD%2Fbrochures%2Faxiom-genotyping-arrays-agrigenomics-brochure.pdf&title=QnJvY2h1cmU6IEF4aW9tIEdlbm90eXBpbmcgQXJyYXlzlGZvciBBZ3JpZ2Vub21pY3M=
Aquaculture				
Axiom Salmon Genotyping Array (Salmo salar)	430,743	96-array	550540	https://www.thermofisher.com/order/catalog/product/550540
Axiom Catfish Genotyping Array	693,567	96-array	550704	https://www.thermofisher.com/document-connect/document-connect.html?url=https%3A%2F%2Fassets.thermofisher.com%2Fassets%2FAssets%2FGSD%2Fbrochures%2Faxiom-genotyping-arrays-agrigenomics-brochure.pdf&title=QnJvY2h1cmU6IEF4aW9tIEdlbm90eXBpbmcgQXJyYXlzlGZvciBBZ3JpZ2Vub21pY3M=
Axiom Coho Salmon Genotyping Array	200,000	96-array	550862	https://www.thermofisher.com/document-connect/document-connect.html?url=https%3A%2F%2Fassets.thermofisher.com%2Fassets%2FAssets%2FGSD%2Fbrochures%2Faxiom-genotyping-arrays-agrigenomics-brochure.pdf&title=QnJvY2h1cmU6IEF4aW9tIEdlbm90eXBpbmcgQXJyYXlzlGZvciBBZ3JpZ2Vub21pY3M=
Axiom Trout Genotyping Array	57,501	96-array	550468	https://www.thermofisher.com/order/catalog/product/550468
Companion Animals				
Axiom Canine Genotyping Array Set A	460,000	96-array	550771	https://www.thermofisher.com/order/catalog/product/550771
Axiom Canine Genotyping Array Set B	670,000	96-array	550772	https://www.thermofisher.com/order/catalog/product/550772
Axiom Canine HD Genotyping Array	712,893	96-array	550869	https://www.thermofisher.com/order/catalog/product/550869
Model Organisms				
Axiom Aedes Aegypti Genotyping Array	50,000	96-array	550481	https://www.thermofisher.com/document-connect/document-

				connect.html?url=https%3A%2F%2Fassets.thermofisher.com%2FAssets%2FGSD%2Fbrochures%2Faxiom-genotyping-arrays-agrigenomics-brochure.pdf&title=QnJvY2h1cmU6IEF4aW9tEdlbn90eXBpbmcgQXJyYXlzlGZvcjBBZ3JpZ2Vub21pY3M=
Axiom Mouse Genotyping Array	616,136	96-array	550810	https://www.thermofisher.com/document-connect.html?url=https%3A%2F%2Fassets.thermofisher.com%2FAssets%2FGSD%2Fbrochures%2Faxiom-genotyping-arrays-agrigenomics-brochure.pdf&title=QnJvY2h1cmU6IEF4aW9tEdlbn90eXBpbmcgQXJyYXlzlGZvcjBBZ3JpZ2Vub21pY3M=
Axiom Rabbit Genotyping Array	200,000	96-array	550669	No PDP
Human				
Axiom Exome319 Array	300,000	96-array	902106	https://www.thermofisher.com/order/catalog/product/902106?SID=srch-hj-902106#/902106?SID=srch-hj-902106
Axiom Genome Wide CEU 1 Array Plate	587,352	96-array	901608	https://www.thermofisher.com/order/catalog/product/901608?SID=srch-hj-901608#/901608?SID=srch-hj-901608
Axiom Genome Wide ASI 1 Array Plate	600,307	96-array	901640	https://www.thermofisher.com/order/catalog/product/901640?SID=srch-hj-901640#/901640?SID=srch-hj-901640
Axiom Genome Wide EUR 1 Array Plate (World Array 1)	668,265	96-array	901787	https://www.thermofisher.com/order/catalog/product/901787?SID=srch-hj-901787#/901787?SID=srch-hj-901787
Axiom Genome Wide EAS 1 Array Plate (World Array 2)	709,104	96-array	901847	https://www.thermofisher.com/order/catalog/product/901847?SID=srch-hj-901847#/901847?SID=srch-hj-901847
Axiom Genome Wide AFR 1 Array Plate (World Array 3)	889,338	96-array	901848	https://www.thermofisher.com/order/catalog/product/901848?SID=srch-hj-901848#/901848?SID=srch-hj-901848
Axiom Genome Wide LAT 1 Array Plate (World Array 4)	817,810	96-array	901849	https://www.thermofisher.com/order/catalog/product/901849?SID=srch-hj-901849#/901849?SID=srch-hj-901849

Axiom Genome Wide CHB 1 Array Plate	640,674	96-array	901764	https://www.thermofisher.com/order/catalog/product/901764?SID=srch-hj-901764#/901764?SID=srch-hj-901764
Axiom Genome Wide CHB 2 Array Plate	641,772	96-array	901842	https://www.thermofisher.com/order/catalog/product/901842?SID=srch-hj-901842#/901842?SID=srch-hj-901842
Axiom CHB 2.0 (CHB 1+2) Array	1,282,446	96-array	901843	https://www.thermofisher.com/order/catalog/product/901843?SID=srch-hj-901843#/901843?SID=srch-hj-901843
Axiom Genome Wide PanAFR Genotyping Bundle	2,200,000	96-array	901788	https://www.thermofisher.com/order/catalog/product/901788?SID=srch-hj-901788#/901788?SID=srch-hj-901788
Axiom miRNA Target Site Array	238,000	96-array	902163	https://www.thermofisher.com/order/catalog/product/902163?SID=srch-hj-902163#/902163?SID=srch-hj-902163
Axiom miRNA Target Site Plus Array	238,000	96-array	000.853	
Axiom Biobank Genotyping Array (a.k.a. Biobank 1)	614,000	96-array	902186	https://www.thermofisher.com/order/catalog/product/902186?SID=srch-hj-902186#/902186?SID=srch-hj-902186
Axiom Biobank Plus Genotyping Array	729,000	96-array	000854	https://www.thermofisher.com/order/catalog/product/000854?SID=srch-hj-000854#/000854?SID=srch-hj-000854
Axiom Genome-Wide Human Origins 1 Array Plate	629,000	96-array	901853	https://www.thermofisher.com/order/catalog/product/901853?SID=srch-hj-901853#/901853?SID=srch-hj-901853
Axiom Transplant Genotyping Array	782,000	96-array	902865	https://www.thermofisher.com/order/catalog/product/902865?SID=srch-hj-902865#/902865?SID=srch-hj-902865
Axiom Precision Medicine Research Array - PMRA	800,000	96-array	902981	https://www.thermofisher.com/order/catalog/product/902981?SID=srch-hj-902981#/902981?SID=srch-hj-902981
PharmacoScan	4,627	96-array	903026	https://www.thermofisher.com/order/catalog/product/903026?SID=srch-hj-903026#/903026?SID=srch-hj-903026
Axiom PMRA Kit	800,000	96-array	905429	https://www.thermofisher.com/order/catalog/product/905429?SID=srch-hj-905429#/905429?SID=srch-hj-905429
Axiom Asia PMRA 96- Array Kit	800,000	96-array	905423	https://www.thermofisher.com/order/catalog/product/905423?SID=srch-hj-905423#/905423?SID=srch-hj-905423

Axiom Precision Medicine Diversity Array PLUS 2.0 - PMDA Plus	850,000	96-array	951961	https://www.thermofisher.com/order/catalog/product/951961?SID=srch-hj-951961#/951961?SID=srch-hj-951961
Axiom Precision Medicine Diversity Array - PMDA 2.0	850,000	96-array	951962	https://www.thermofisher.com/order/catalog/product/951962?SID=srch-hj-951962#/951962?SID=srch-hj-951962
CarrierScan™ 1S Assay Kit		96-samples	951951	https://www.thermofisher.com/order/catalog/product/951951?SID=srch-srp-951951#/951951?SID=srch-srp-951951
Microbiome				
Microbiome		96-array	902904	https://www.thermofisher.com/order/catalog/product/902904?SID=srch-hj-902904#/902904?SID=srch-hj-902904