Frequently Asked Questions

MyGeneChip® Community Array:
Canine SNP genotyping

Ordering information

<table>
<thead>
<tr>
<th>Description</th>
<th>Part number</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>DogSNPs520431</td>
<td>520431</td>
<td>• Custom Canine SNP Array – version 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Based on Mapping 250K array</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Format: 100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Minimum array order: 99</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Feature size: 5 µm</td>
</tr>
<tr>
<td>Genome-Wide Human SNP/Sty Kit</td>
<td>901011</td>
<td>• 100 reaction kit</td>
</tr>
<tr>
<td>GeneChip® Fluidics Station 450</td>
<td>00-0079</td>
<td>• Fluidics module used with the array</td>
</tr>
</tbody>
</table>

Applications: Array can be used for whole-genome genotyping.

Genome build or build date: Genome build 2, 2006

Original customer contact information:
Dr. Kerstin Lindblad-Toh, Broad Institute (kersli@broad.mit.edu)
(http://www.broadinstitute.org/scientific-community/science/programs/genome-sequencing-and-analysis/kerstin-lindblad-toh)

Supplementary information:

Analysis software: There are three options: BRLMM-P (Affymetrix Power Tools), Affymetrix® Genotyping Console™ software, or PLINK.

Library files:
DogSty06m520431P 49,663 SNP v2 platinum set (50,000 high quality SNPs)
DogSty06m520431 127,132 SNP v2 full set (127,000 SNPs)

Quality controls: Oligo B2, Platinum SNPs

Genotyping
Number of SNPs tiled on the array: ~127,000

Number of probes per SNP: 20 (perfect-match probes only)
**For more information:**
Please visit [http://www.broad.mit.edu/mammals/dog/caninearrayfaq.html](http://www.broad.mit.edu/mammals/dog/caninearrayfaq.html) for more detailed information about running these arrays.

**Selected references:**


**Support:** Custom arrays, reagents, and other consumables made available to the general customer base are considered custom products. As such, the custom arrays, reagents, and other consumables are warranted for defects in workmanship only. Commercially available reagents and consumables associated with custom arrays are covered under our standard Warranty Policy. See the Affymetrix Warranty Policy for more details.