

# Developments



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**BIPMed** Brazilian Initiative on **PRECISION MEDICINE**

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# Good Practices in Research and Outreach

**BIPMed** Brazilian Initiative on **PRECISION MEDICINE**

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# Good Practices in Research

- Data Management Plans;
- Metadata repositories;
- Data repositories;
- Data sharing policies;



CÓDIGO DE  
**BOAS  
PRÁTICAS  
CIENTÍFICAS**

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# CABANA Project

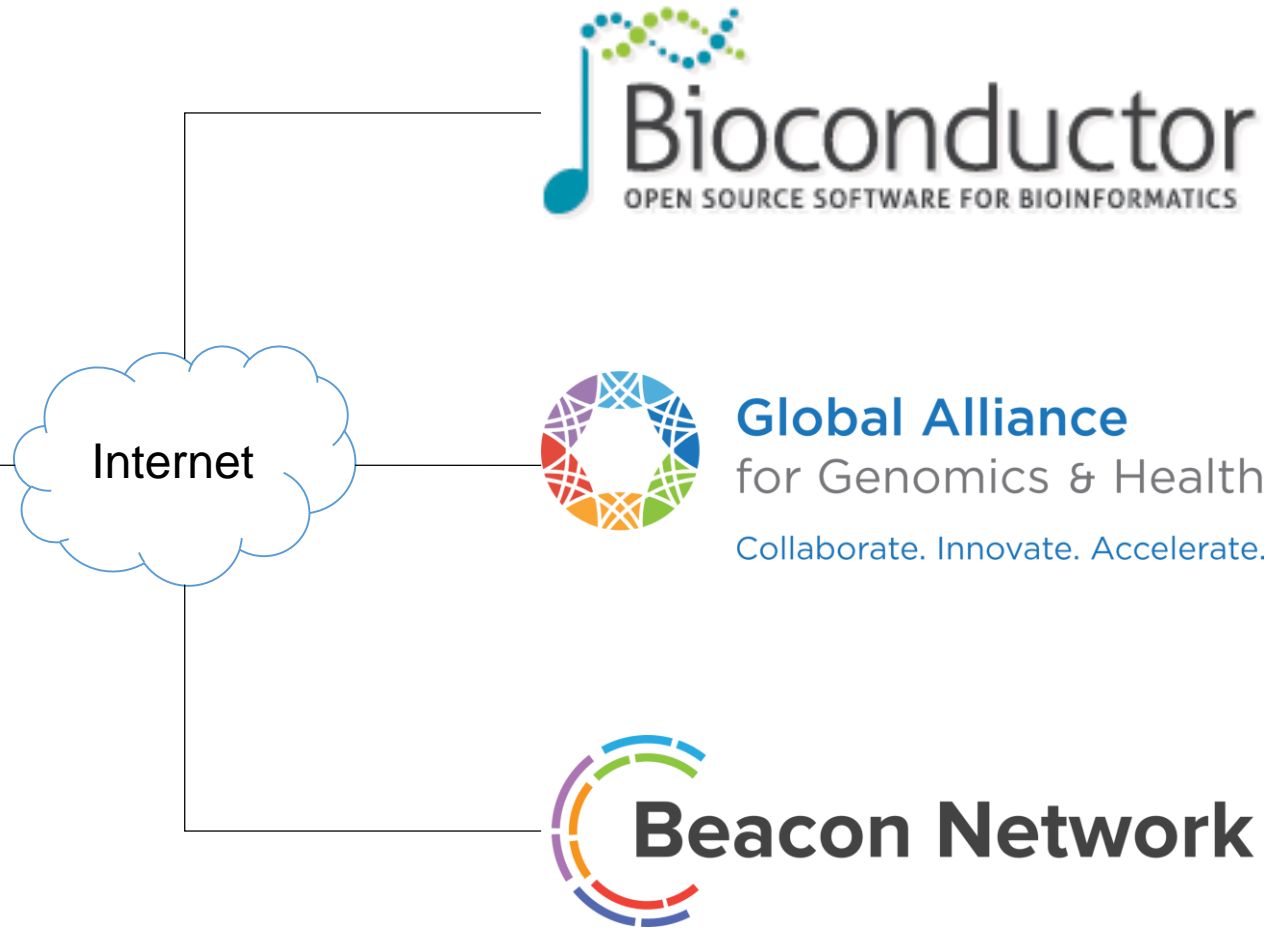
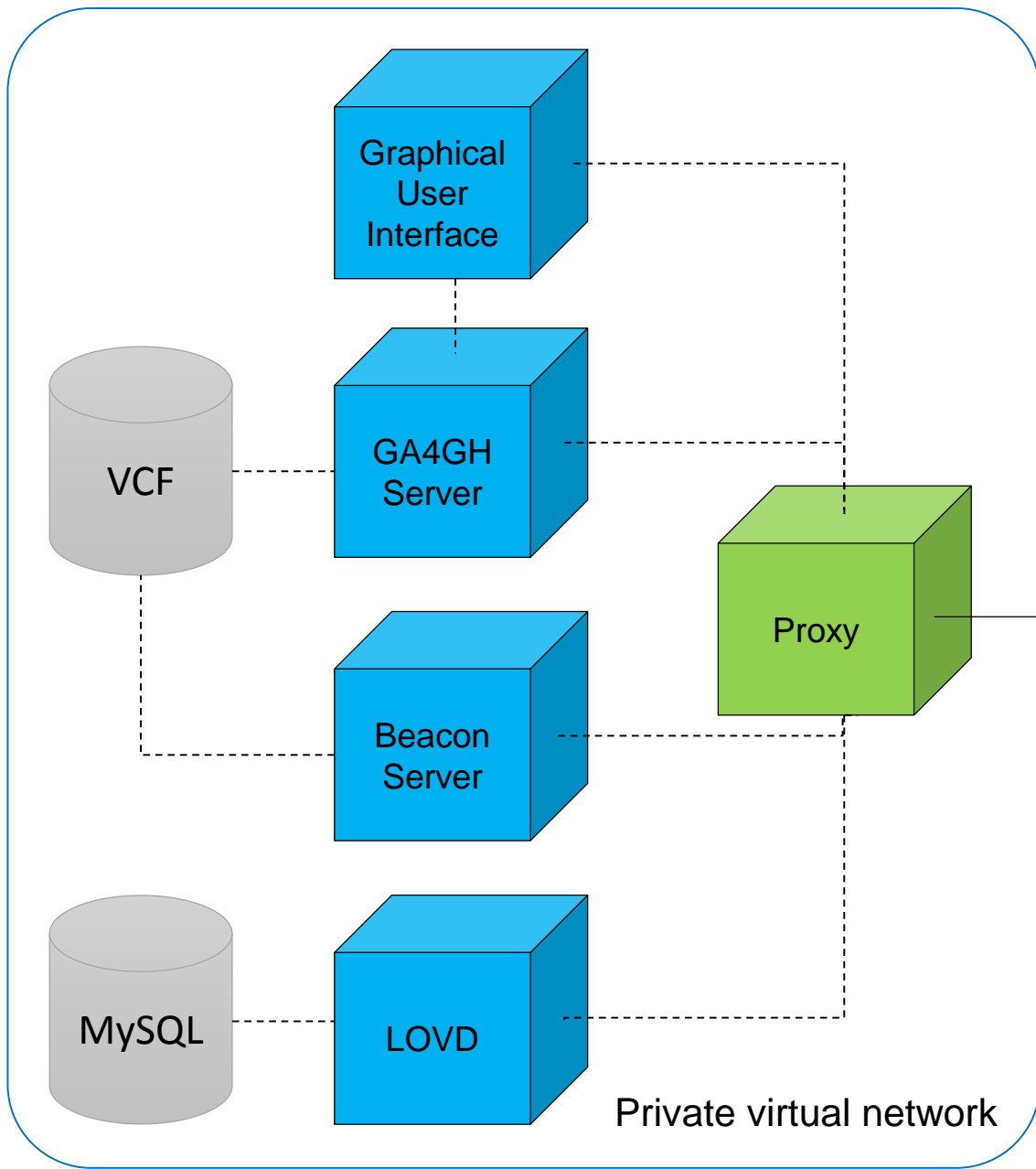
- RCUK-funded;
- Boost data-driven biology in LA;
- Sustainable programme for building bioinformatics capacity;
- Consortium includes:
  - EMBL-EBI;
  - UNICAMP;
  - Vale Technology Institute;
  - University of Buenos Aires;
  - University of Costa Rica;





# Developments in data servers

**BIPMed** Brazilian Initiative on **PRECISION MEDICINE**



<https://labbcg.github.io/federated-genomic-databases>



# at Cloud Services

- Using Google Cloud Platform
- Hosted at São Paulo, Brazil
- Available at <http://35.199.80.217/>
- We are also testing other services
- We are searching for collaboration
- Main cloud-based server + mirror servers



Variants

[Beacon Network](#)[Help](#)**Dataset**

bipmed-exome ▾

**Variant Set**

bipmed-exome ▾

**Gene Symbols File**

Browse...

No file

**Gene Symbol**

Select ▾

**Genomic Feature**

- Genes
- Transcripts
- Exons
- CDS
- Promoters

**Reference Name**

Select ▾

**Start****End**



## Dataset

bipmed-exome

## Variant Set

bipmed-exome

## Gene Symbols File

Browse... No file

## Gene Symbol

SCN1A

## Genomic Feature

- Genes
- Transcripts
- Exons
- CDS
- Promoters

## Reference Name

chr2

## Start

165989160

## End

Variants

[Beacon Network](#)[Help](#)

Show 10 entries

Search:

	DNA change	dbSNP ID	Reference Name	Start	End	Reference Bases	Alternate Bases	ExcessHet
1	g.165991411A>G	chr2:165991411_A/G	chr2	165991411	165991411	A	G	3.03090000152588
2	g.165991493G>C	chr2:165991493_G/C	chr2	165991493	165991493	G	C	3.01029992103577
3	g.165991857C>T	chr2:165991857_C/T	chr2	165991857	165991857	C	T	3.03090000152588
4	g.165992330G>A	chr2:165992330_G/A	chr2	165992330	165992330	G	A	3.01029992103577
5	g.165992388G>A	chr2:165992388_G/A	chr2	165992388	165992388	G	A	3.03090000152588
6	g.165992564T>A	chr2:165992564_T/A	chr2	165992564	165992564	T	A	0.105499997735023
7	g.165995836_165995840delinsT	chr2:165995836_TTTAA/T	chr2	165995836	165995840	TTTAA	T	3.03150010108948
8	g.165995889G>C	chr2:165995889_G/C	chr2	165995889	165995889	G	C	3.07249999046326
9	g.165998005C>T	chr2:165998005_C/T	chr2	165998005	165998005	C	T	3.07369995117188
10	g.165999649G>A	chr2:165999649_G/A	chr2	165999649	165999649	G	A	3.2195999622345

Showing 1 to 10 of 66 entries

Previous

1

2

3

4

5

6

7

Next

Download Results

**Dataset**  
 bipmed-exome ▾

**Variant Set**  
 bipmed-exome ▾

**Gene Symbols File**  
 Browse... No file

**Gene Symbol**  
 SCN1A ▾

**Genomic Feature**  
 Genes  
 Transcripts  
 Exons  
 CDS  
 Promoters

**Reference Name**  
 chr2 ▾

**Start**  
 165989160

**End**

## Beacon Network

Response	All	None
<input checked="" type="checkbox"/> Found	5	
<input type="checkbox"/> Not Found		7
<input type="checkbox"/> Not Applicable		50



Organization	All	None
<input checked="" type="checkbox"/> AMPLab, UC Berkeley		
<input checked="" type="checkbox"/> Australian Genomics Health Alliance		
<input checked="" type="checkbox"/> Belgian Medical Genomics Initiative		
<input checked="" type="checkbox"/> BGI		
<input checked="" type="checkbox"/> BioReference Laboratories		
<input checked="" type="checkbox"/> Brazilian Initiative on Precision Medicine		
<input checked="" type="checkbox"/> BRCA Exchange		
<input checked="" type="checkbox"/> Broad Institute		
<input checked="" type="checkbox"/> Centre for Genomic Regulation		
<input checked="" type="checkbox"/> Centro Nacional de Analisis Genomico		
<input checked="" type="checkbox"/> Children's Mercy Hospital		
<input checked="" type="checkbox"/> Curoverse		
<input checked="" type="checkbox"/> DNASTack		
<input checked="" type="checkbox"/> ELIXIR		
<input checked="" type="checkbox"/> EMBL European Bioinformatics Institute		

## Beacon Network

### Response

- Found
- Not Found
- Not Applicable

[All](#) [None](#)  
 5  
 7  
 50



### Organization

- AMPLab, UC Berkeley
- Australian Genomics Health Alliance
- Belgian Medical Genomics Initiative
- BGI
- BioReference Laboratories
- Brazilian Initiative on Precision Medicine**
- BRCA Exchange
- Broad Institute
- Centre for Genomic Regulation
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- EMBL European Bioinformatics Institute

[All](#) [None](#)

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# Thank you!

<https://labbcg.github.io/bipmed/>

<http://www.bipmed.org>

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[well309@gmail.com](mailto:well309@gmail.com)

