Antigenic mapping report

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Table of contents

1 Antigenic mapping

1.1 Data information

1.1.1 First 5 rows and columns of titer table

Gr.1/2_DPI 0	Gr.1/11_DPI 0	Gr.1/18_DPI 0	Gr.1/21_DPI 0	Gr.1/40_DPI 0
648.4	251.3	349.8	185.8	141.5
487.4	120.8	201.6	156.3	246.2
198.6	70.4	108.2	68.9	71.4
499.9	194.7	149.3	100.9	108.8

Antigen Comments	Strain origin	SSI name	Antigenic group	Serum exposure homolog	Antigen name
SSI Lab	H1N1 A/CA/04/2009	NA	H1N1	Group 2	Pandemic09 wt H1N1
Ramona Trebbien's lab	H1N1 A/Denmark/2021/01	NA	H1N1	Challenge	Challenge wt H1N1
Richard Webby's lab	H6N1 A/CA/04/2009/N1 (H1N1)	NA	H6N1	NA	Pandemic09 rec H6N1
Ramona Trebbien's lab	A/sw/H1N1/Denmark/2017	NA	H1N1	NA	Swine wt H1N1

1.1.2 Information about the dataset

virus_type	assay_type	viral_protein	species	antigen_sera_n	virus_strains_n
Influenza	ELLA	neuraminidase	Swine	24	4

1.1.3 Antigen attribute table
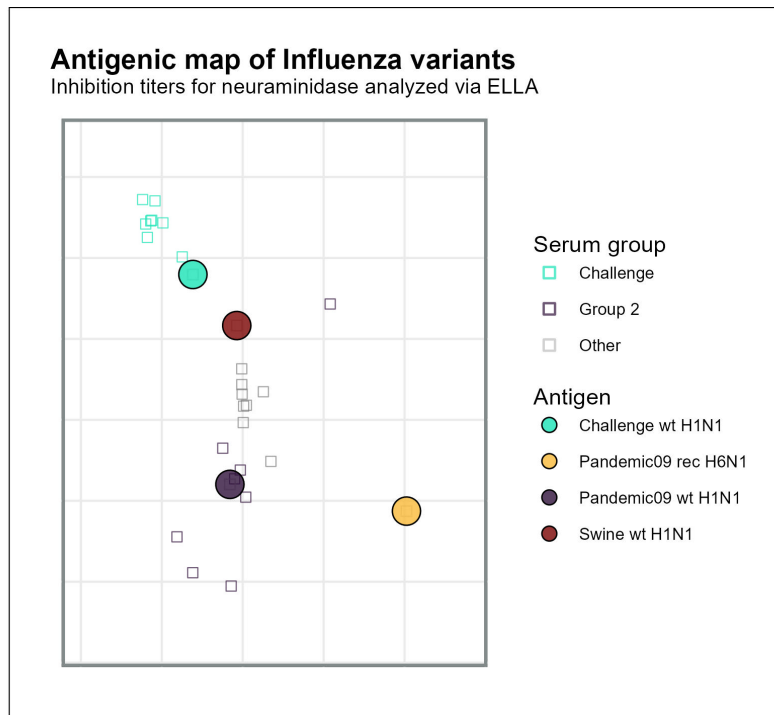
First 5 rows of the antigen attribute table

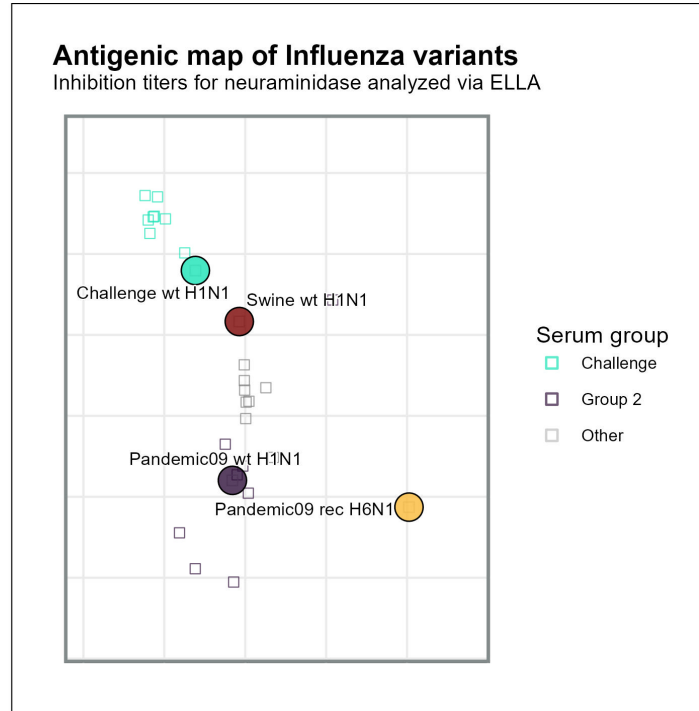### 1.1.4 Serum attribute table

First 5 rows of the serum attribute table

Serum DPI	Serum exposure antigen	Serum IDs	sera_name_with_DPI
DPI 0	Group 1	Gr.1/2	Gr.1/2_DPI 0
DPI 0	Group 1	Gr.1/11	Gr.1/11_DPI 0
DPI 0	Group 1	Gr.1/18	Gr.1/18_DPI 0
DPI 0	Group 1	Gr.1/21	Gr.1/21_DPI 0
DPI 0	Group 1	Gr.1/40	Gr.1/40_DPI 0

1.2 Mapping

1.2.1 Antigenic map - colored by type - with legend

Antigenic map of Influenza variants
Inhibition titers for neuraminidase analyzed via ELLA

Serum group
- Challenge
- Group 2
- Other

Antigen
- Challenge wt H1N1
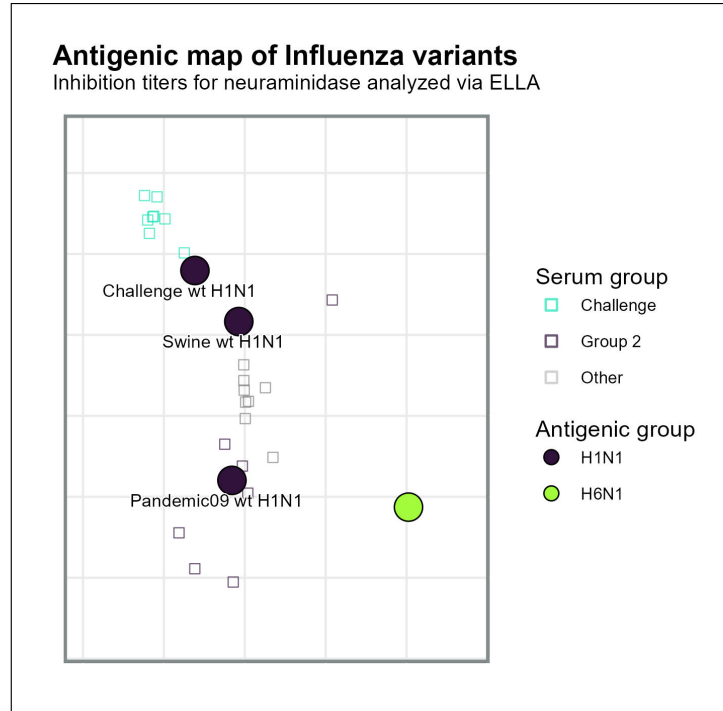- Pandemic09 rec H6N1
- Pandemic09 wt H1N1
- Swine wt H1N1

1.2.2 Antigenic map - colored by type - with labels

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1.2.3 Antigenic map - colored by antigenic group - with legend

Antigenic map of Influenza variants
Inhibition titers for neuraminidase analyzed via ELLA

Serum group
- Challenge
- Group 2
- Other

Antigenic group
- H1N1
- H6N1
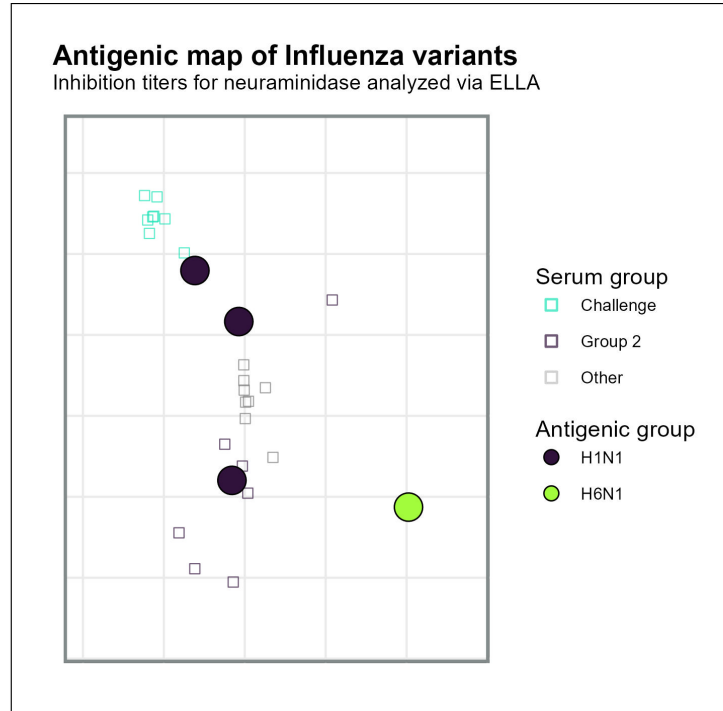
1.2.4 Antigenic map - colored by antigenic group - with labels

1.2.5 Antigenic map blank