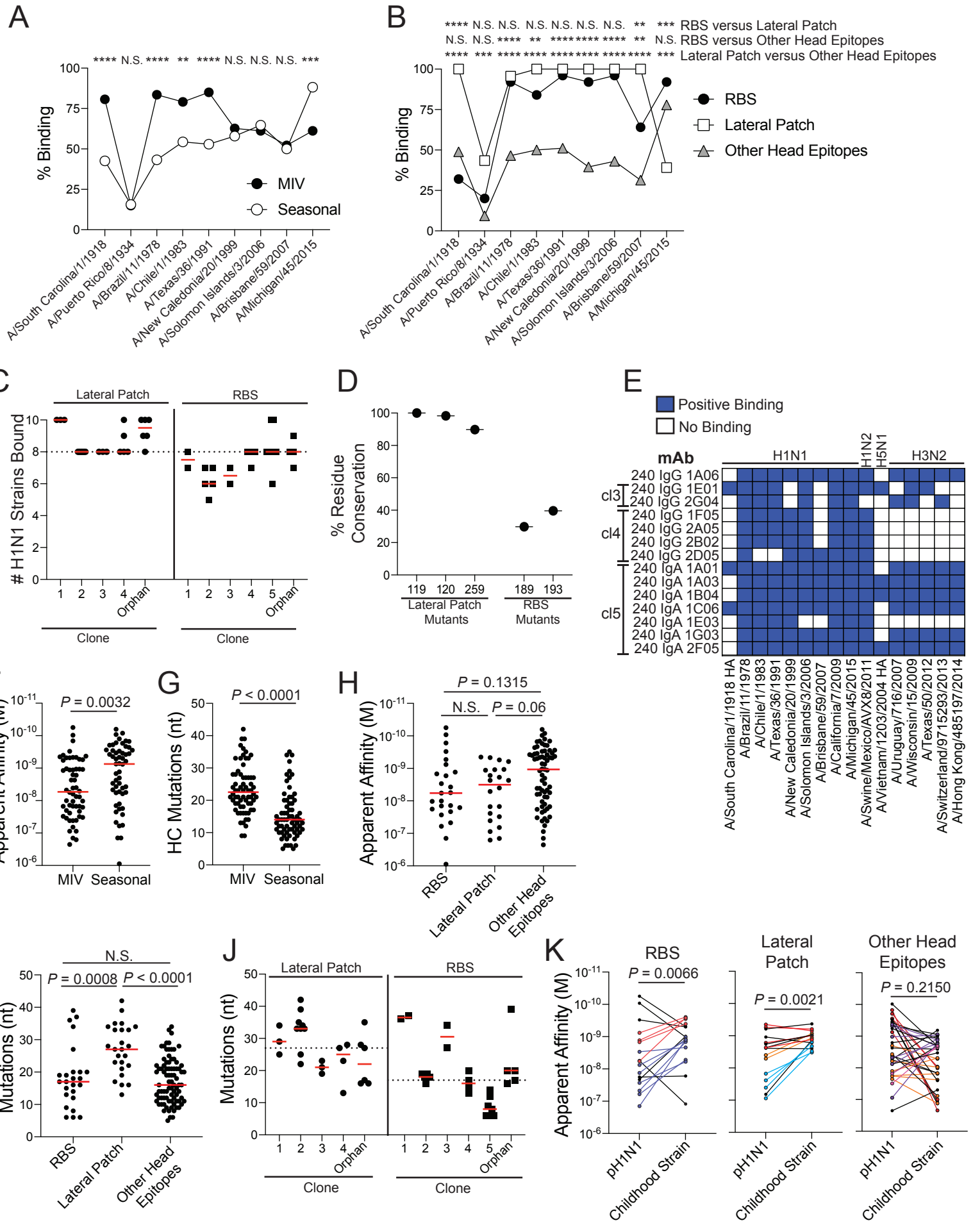
A
**** N.S. **** ** **** N.S. N.S. N.S. ***
% Binding
MIV
Seasonal
A/South Carolina/1/1918
A/Puerto Rico/8/1934
A/Brazil/11/1978
A/Chile/1/1983
A/Texas/36/1991
A/New Caledonia/20/1999
A/Solomon Islands/3/2006
A/Brisbane/59/2007
A/Michigan/45/2015
B
**** N.S. N.S. N.S. N.S. N.S. N.S. ** *** RBS versus Lateral Patch
N.S. N.S. **** ** ******** **** ** N.S. RBS versus Other Head Epitopes
**** *** **** **** **** **** **** **** *** Lateral Patch versus Other Head Epitopes
RBS
Lateral Patch
Other Head Epitopes
C
Lateral Patch
RBS
H1N1 Strains Bound
Orphan
Clone
D
% Residue Conservation
119 120 259
Lateral Patch Mutants
189 193
RBS Mutants
E
Positive Binding
No Binding
mAb
H1N1
H1N2
H5N1
H3N2
cl3
cl4
cl5
240 IgG 1A06
240 IgG 1E01
240 IgG 2G04
240 IgG 1F05
240 IgG 2A05
240 IgG 2B02
240 IgG 2D05
240 IgA 1A01
240 IgA 1A03
240 IgA 1B04
240 IgA 1C06
240 IgA 1E03
240 IgA 1G03
240 IgA 2F05
A/South Carolina/1/1918 HA
A/Brazil/11/1978
A/Chile/1/1983
A/Texas/36/1991
A/New Caledonia/20/1999
A/Solomon Islands/3/2006
A/Brisbane/59/2007
A/California/7/2009
A/Michigan/45/2015
A/Swine/Mexico/AVX8/2011
A/Vietnam/1203/2004 HA
A/Uruguay/716/2007
A/Wisconsin/15/2009
A/Texas/50/2012
A/Switzerland/9715293/2013
A/Hong Kong/485197/2014
F
P = 0.0032
Apparent Affinity (M)
MIV Seasonal
G
P < 0.0001
HC Mutations (nt)
MIV Seasonal
H
P = 0.1315
N.S. P = 0.06
Apparent Affinity (M)
RBS
Lateral Patch
Other Head Epitopes
I
N.S.
P = 0.0008 P < 0.0001
Mutations (nt)
RBS
Lateral Patch
Other Head Epitopes
J
Lateral Patch
RBS
Mutations (nt)
Orphan
Clone
K
RBS
P = 0.0066
Lateral Patch
P = 0.0021
Other Head Epitopes
P = 0.2150
Apparent Affinity (M)
pH1N1
Childhood Strain