

FIG. 1
All H5 COBRA Generation

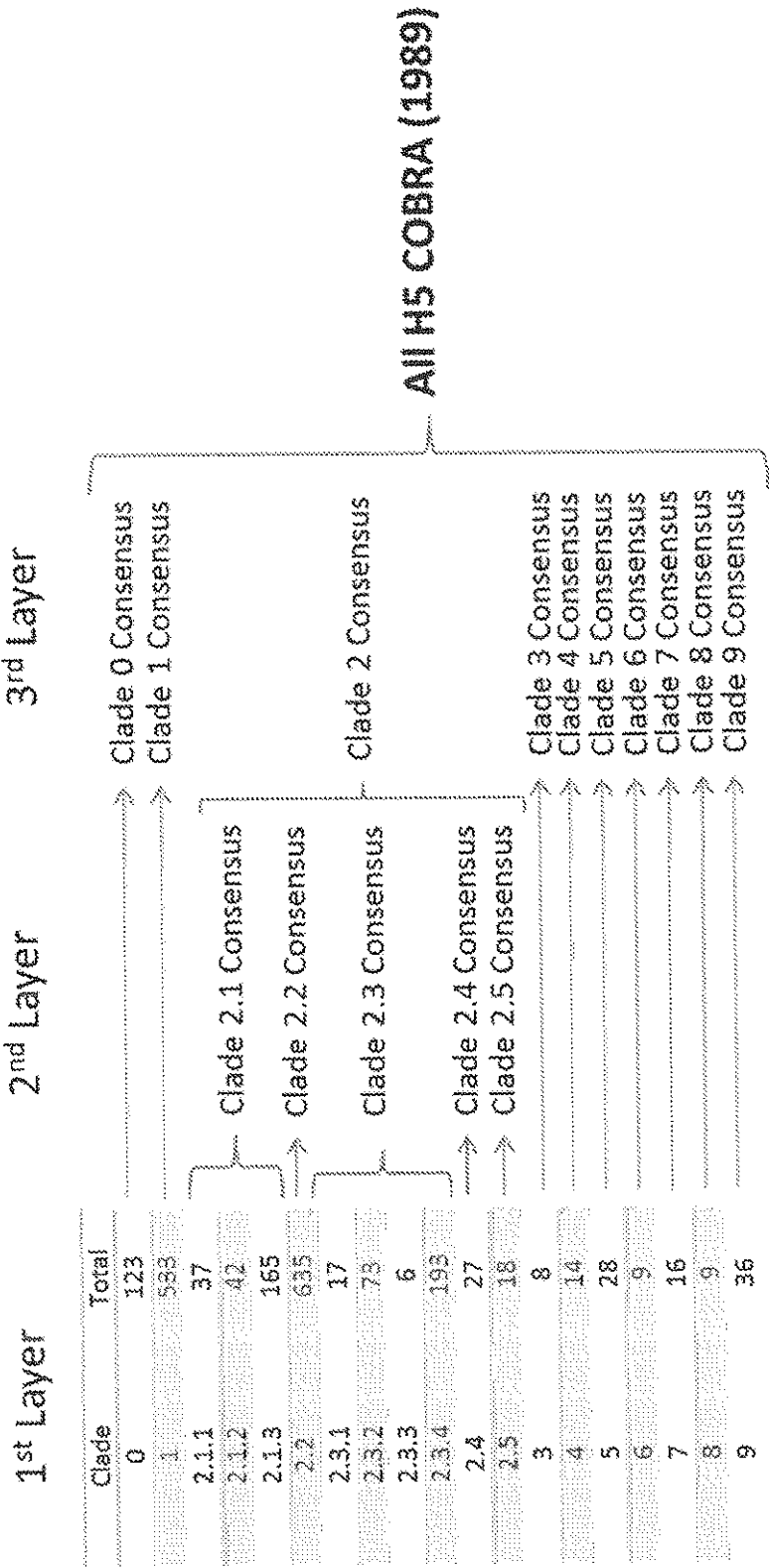
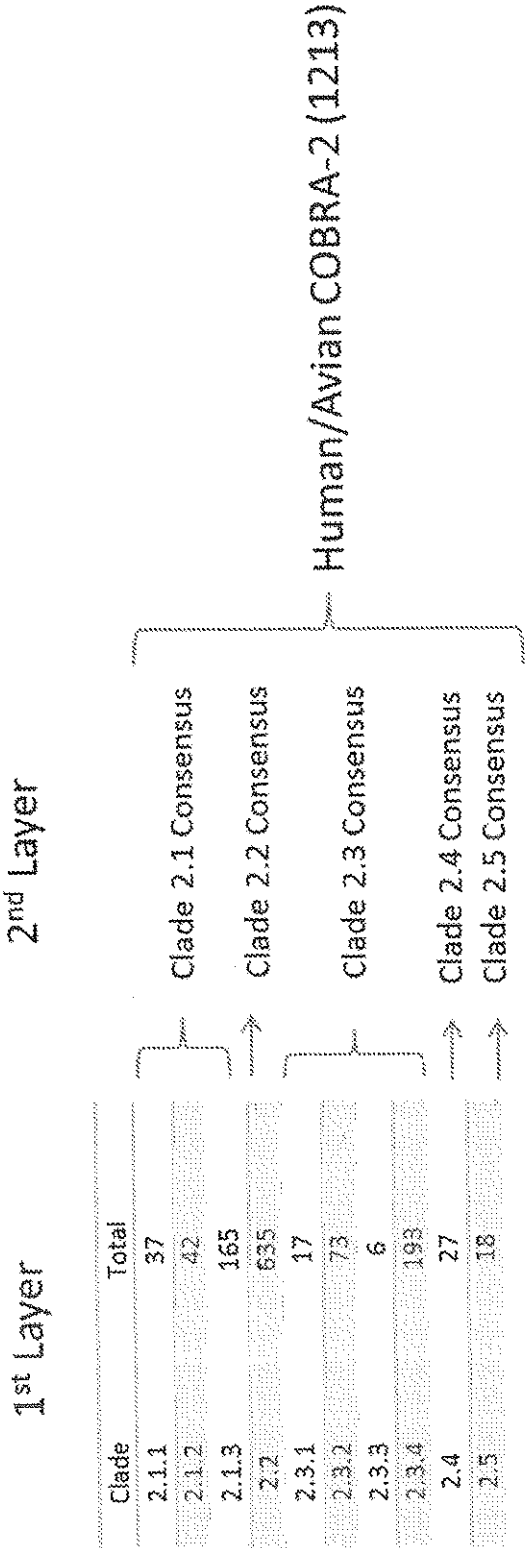


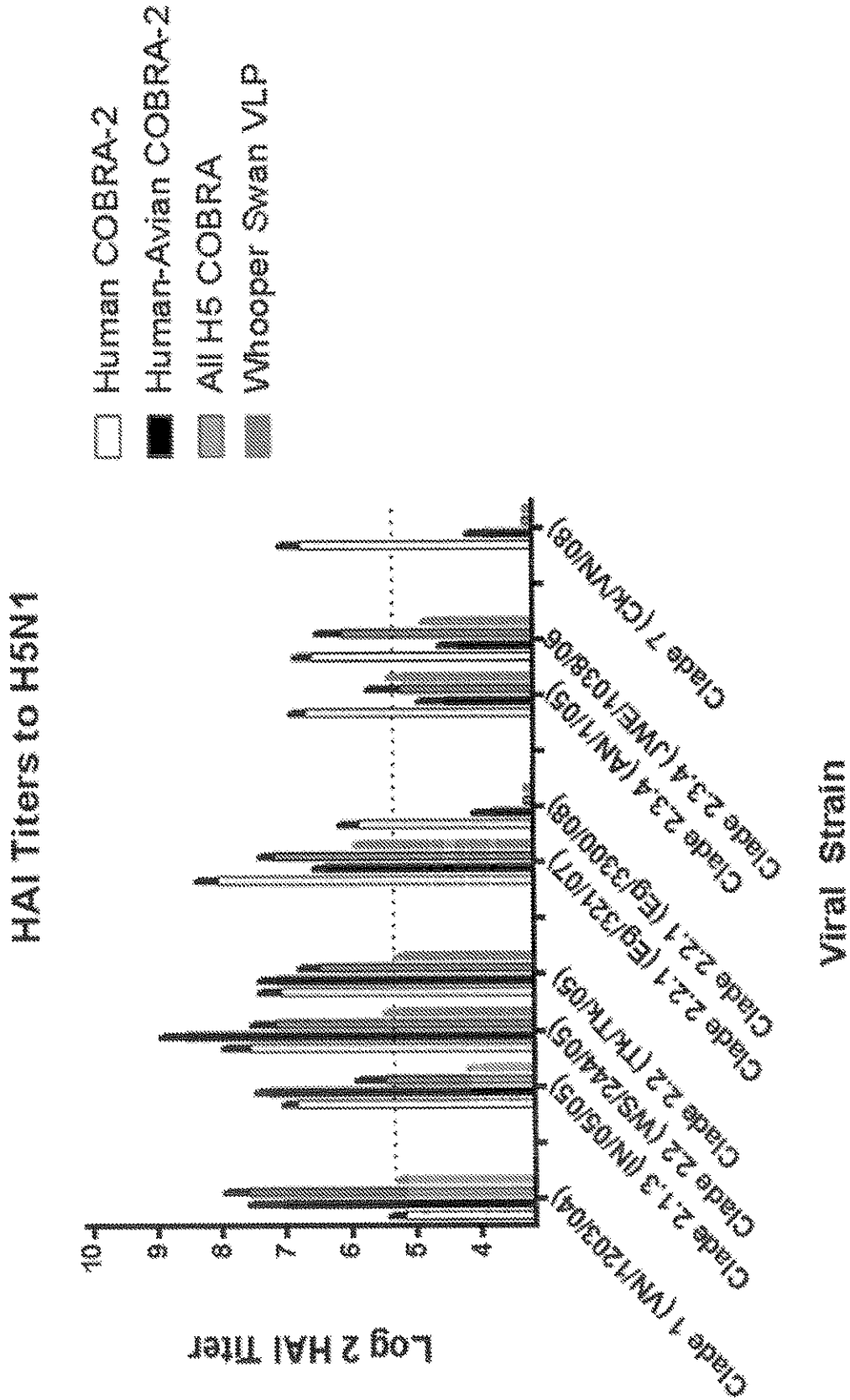
FIG. 2

Human/Avian Clade 2 COBRA Generation



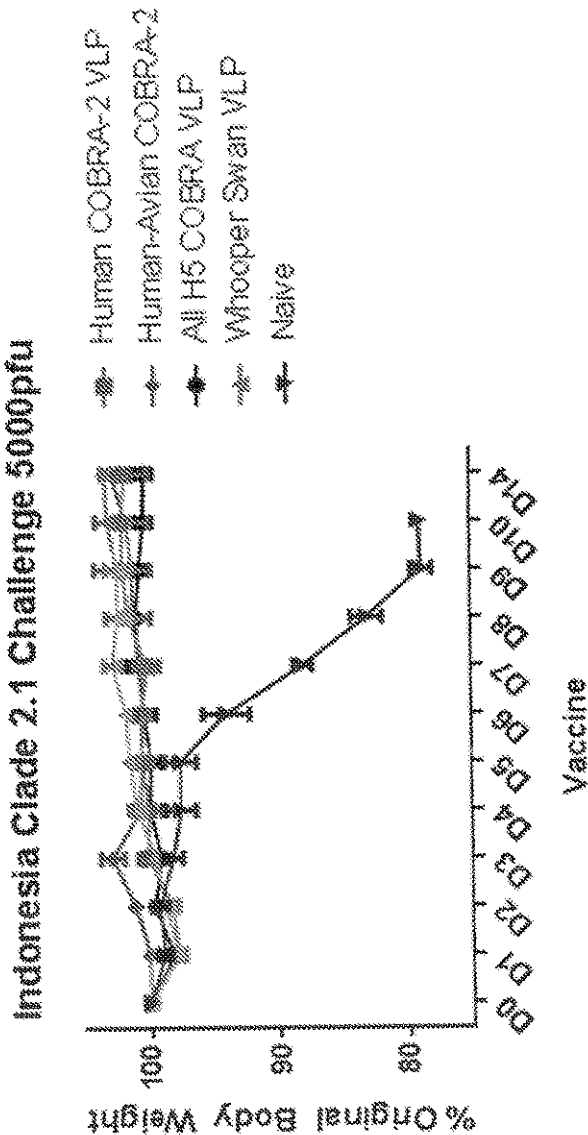
1A HAI

FIG. 3



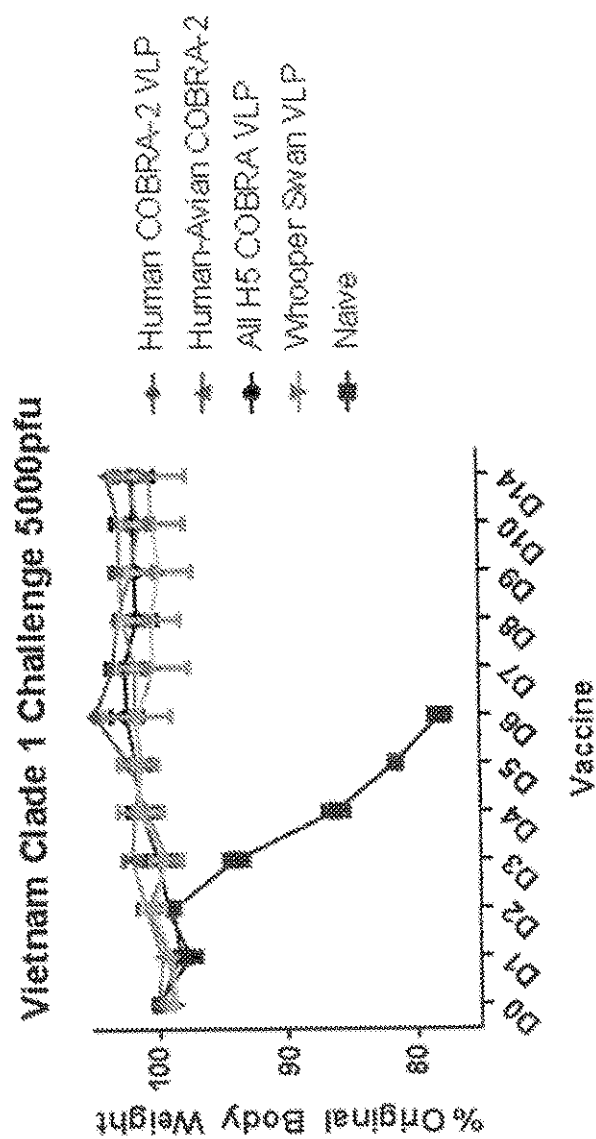
COBRA Study 1A Indonesia Challenge

FIG. 4



COBRA Study 1A Vietnam Challenge

FIG. 5

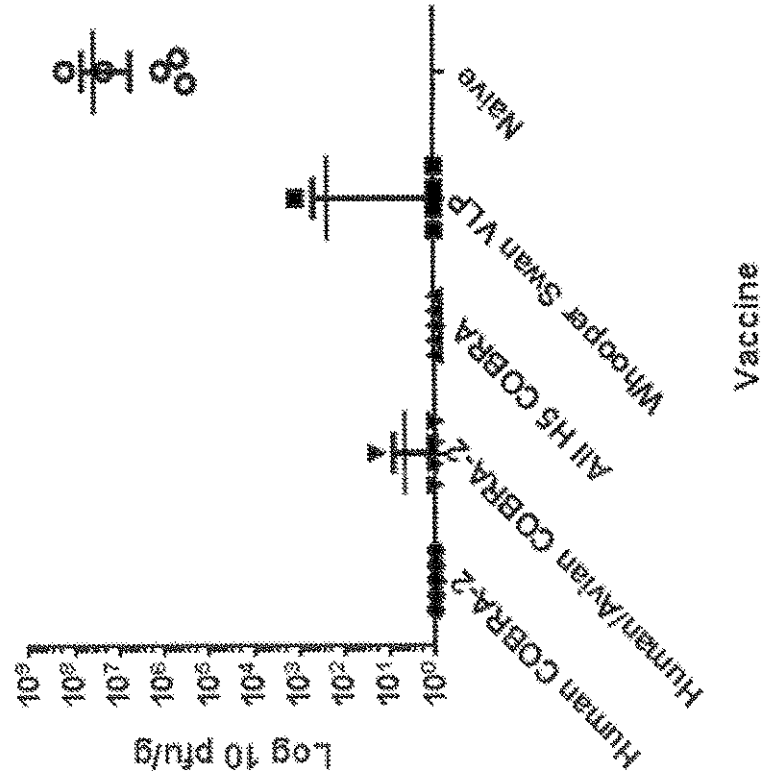


COBRA Study 1A Indonesia Viral Titers

Day 3

FIG. 6

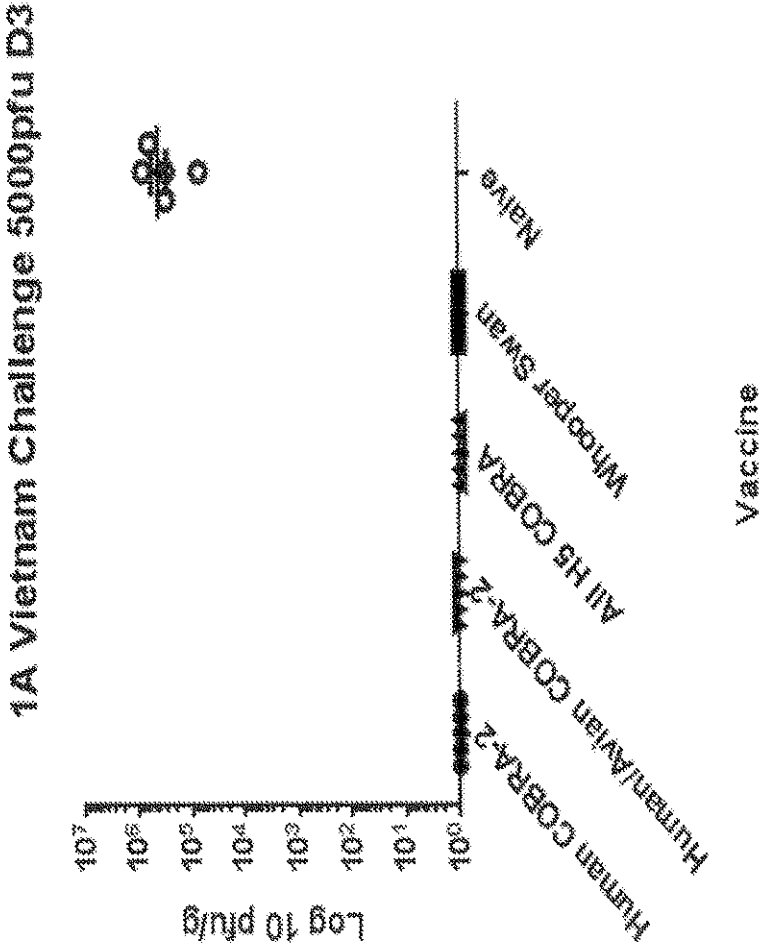
1A Whooper Swan 5000pfu Challenge D3



COBRA Study 1A Vietnam Viral Titers

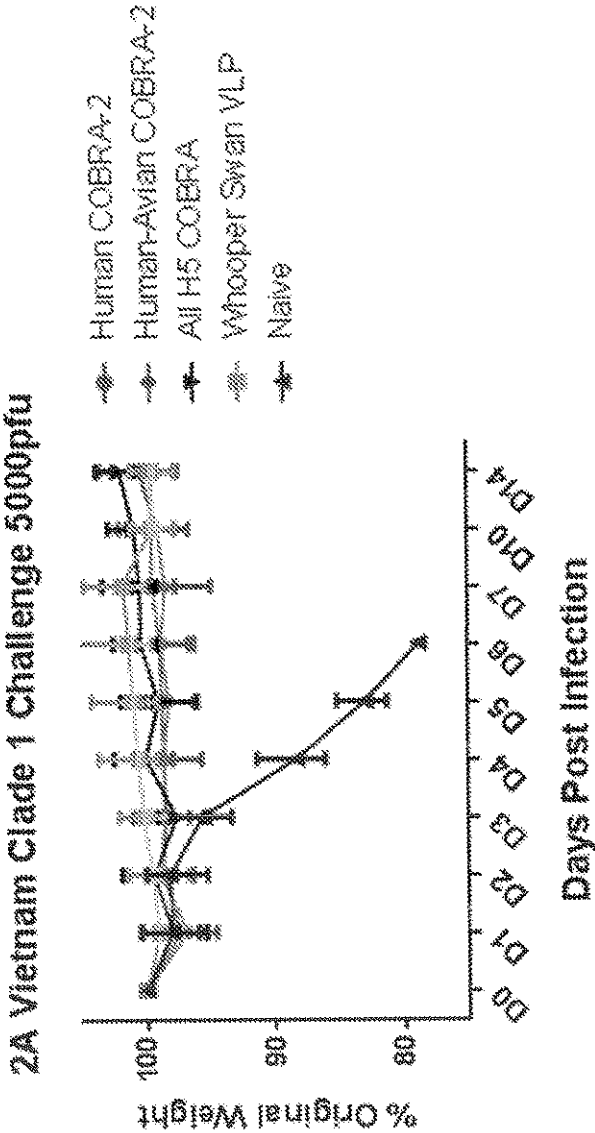
Day 3

FIG. 7



COBRA Study 2A Vietnam Challenge

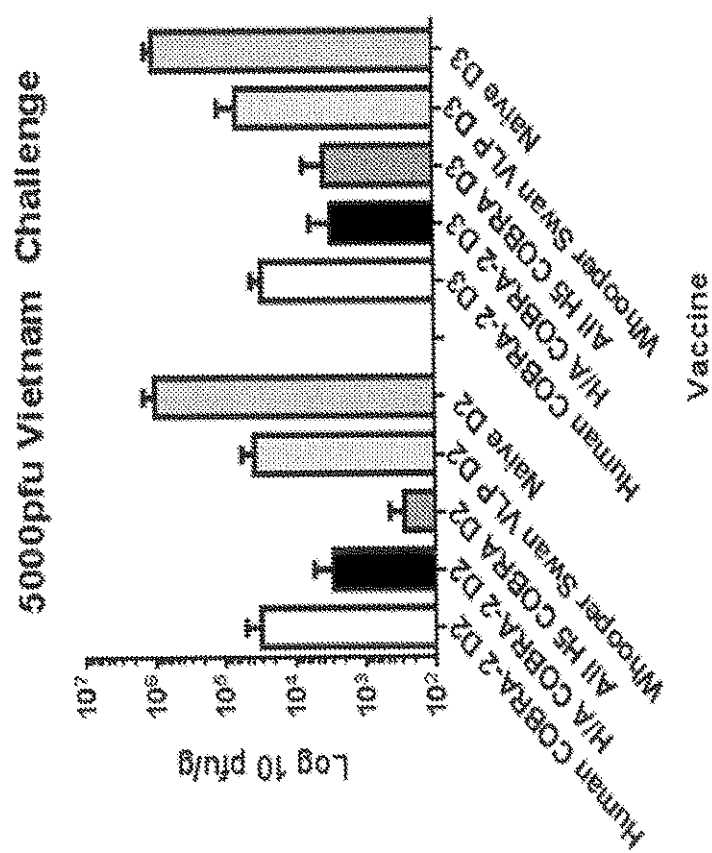
FIG. 8



COBRA Study 2A Vietnam Viral Titers

Day 2 and 3

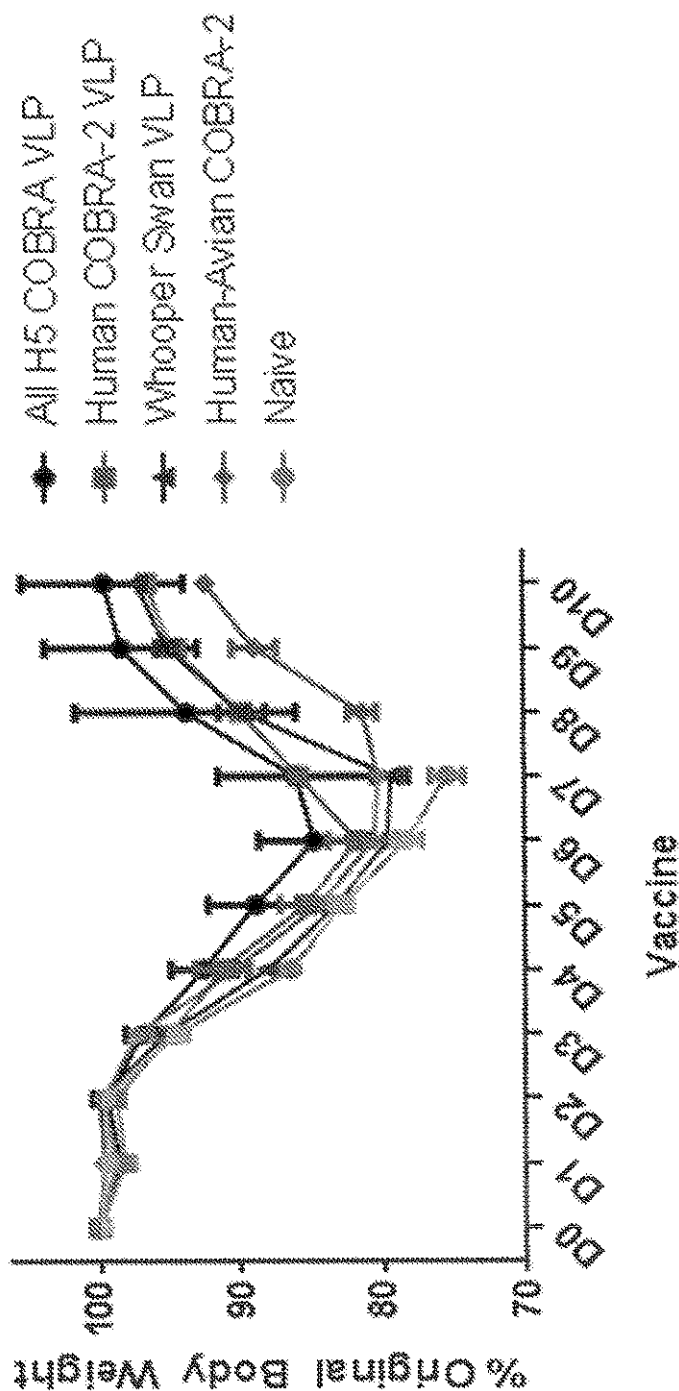
FIG. 9



COBRA Study 4A Vietnam Challenge

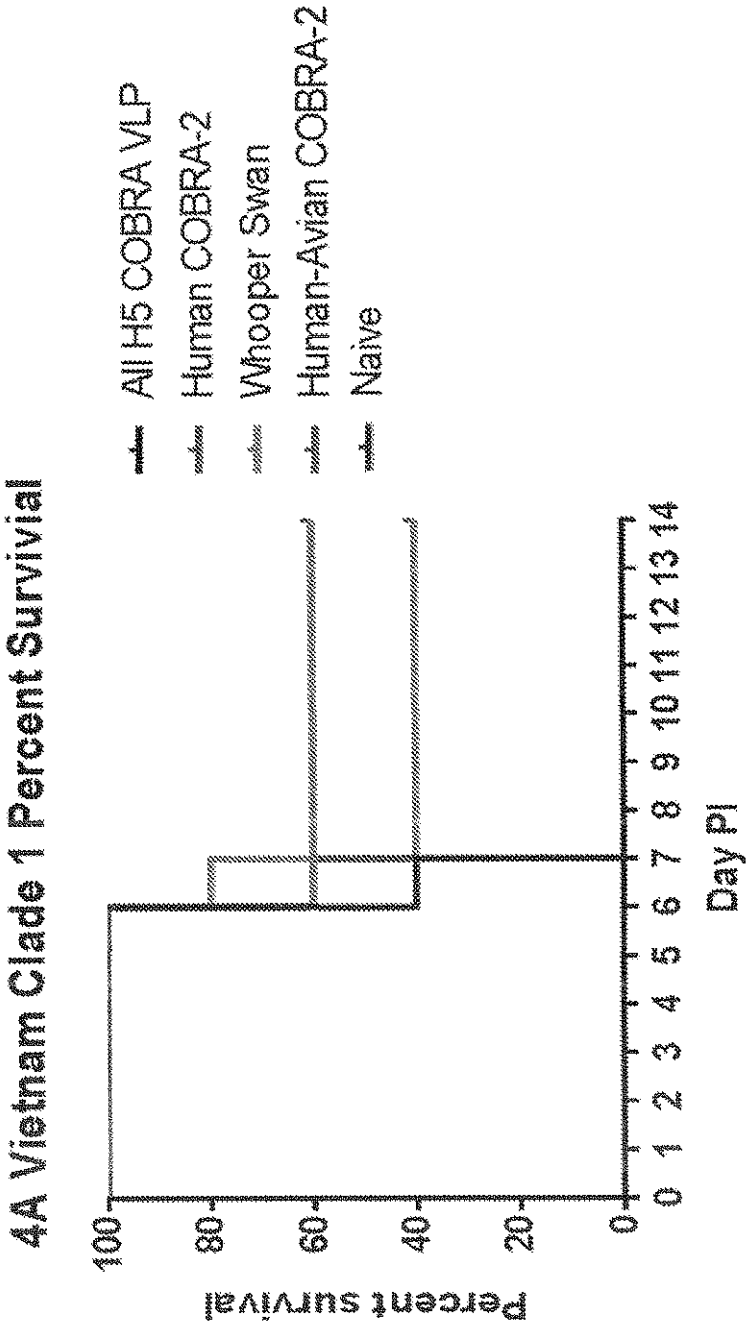
FIG. 10

4A Vietnam Clade 1 Challenge 5000pfu



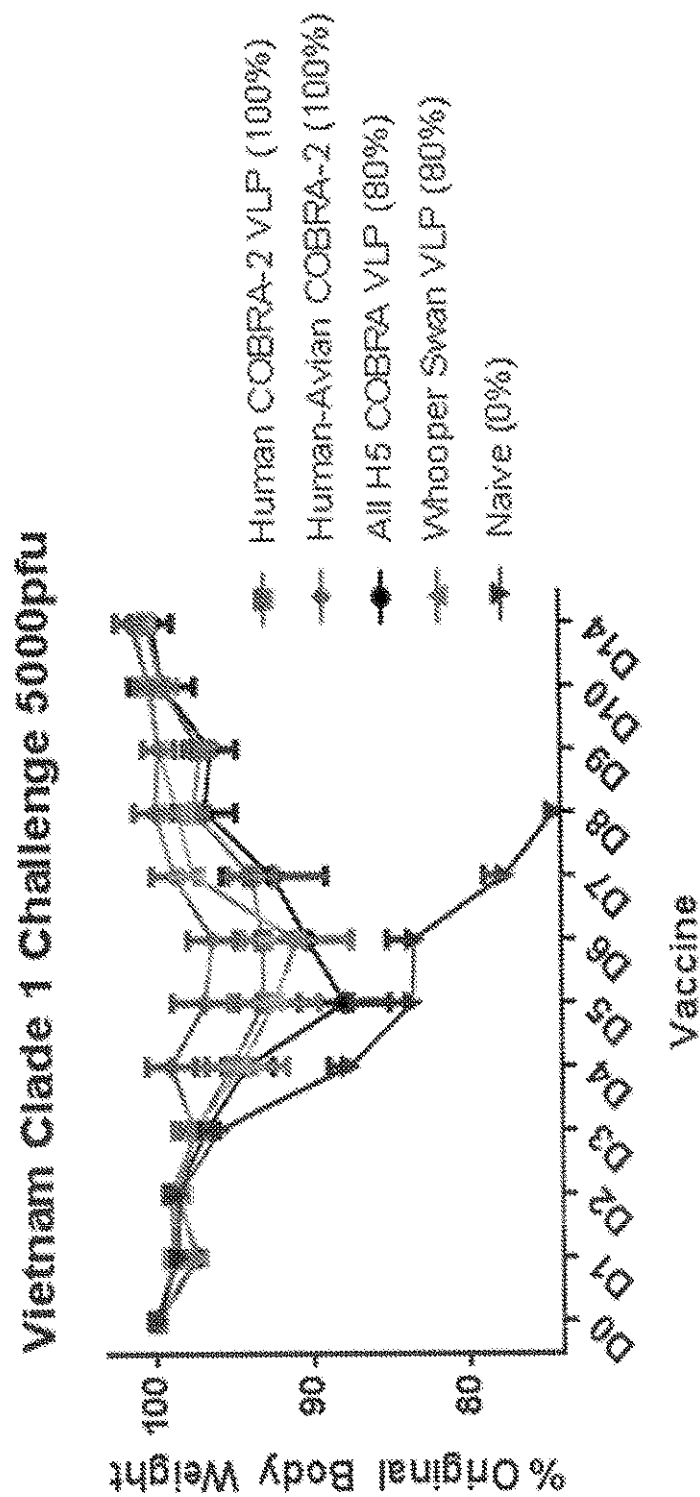
COBRA Study 4A Percent Survival

FIG. 11



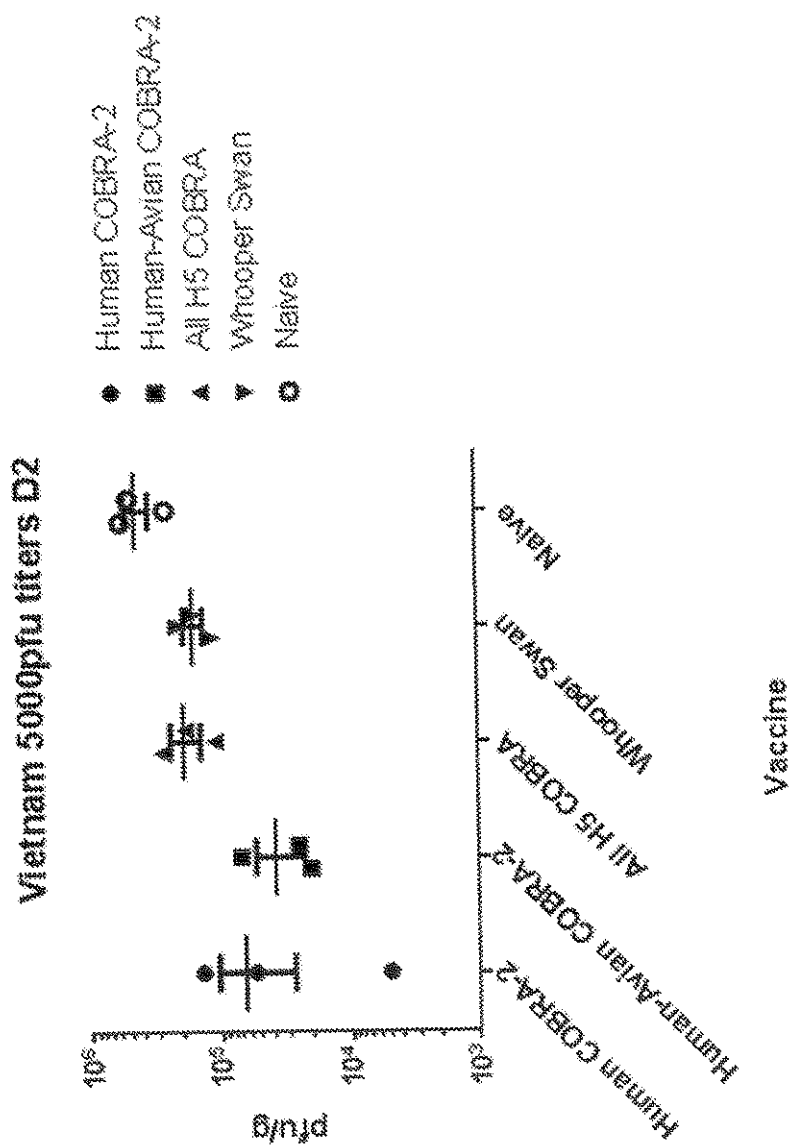
COBRA Study 5A Vietnam Challenge

FIG. 12



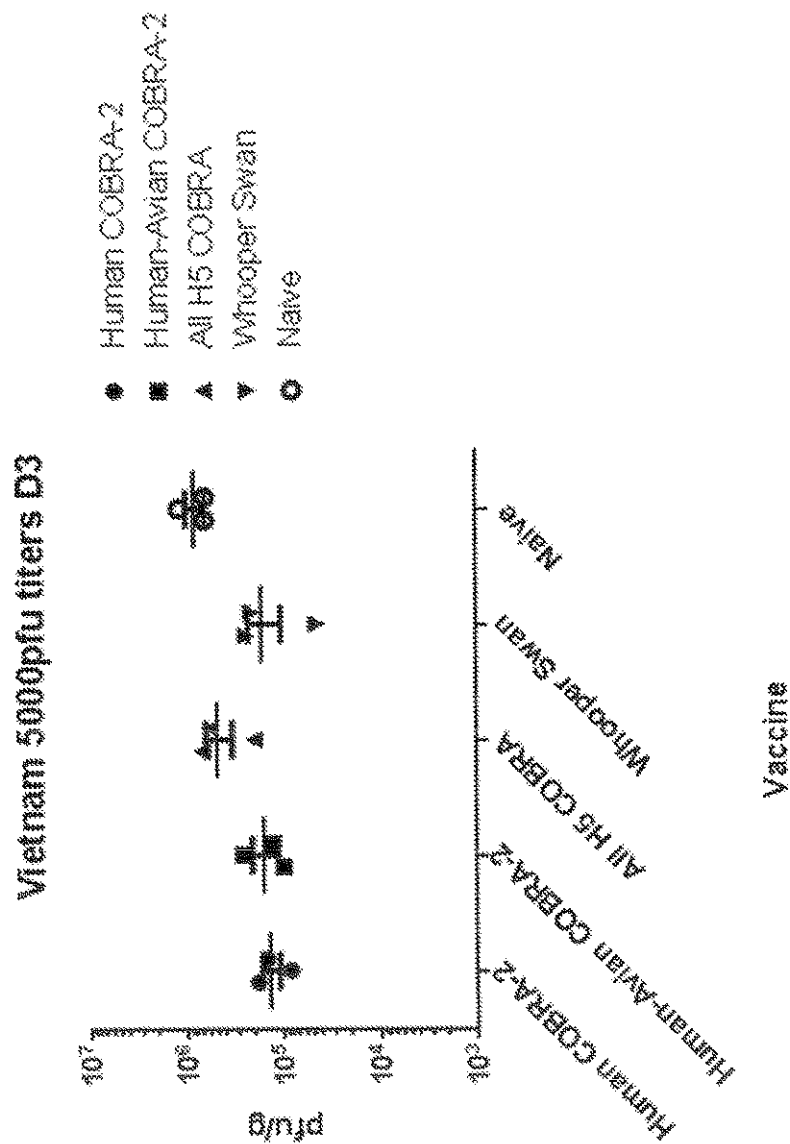
COBRA Study 5A Viral Titers Day 2

FIG. 13



COBRA Study 5A Viral Titers Day 3

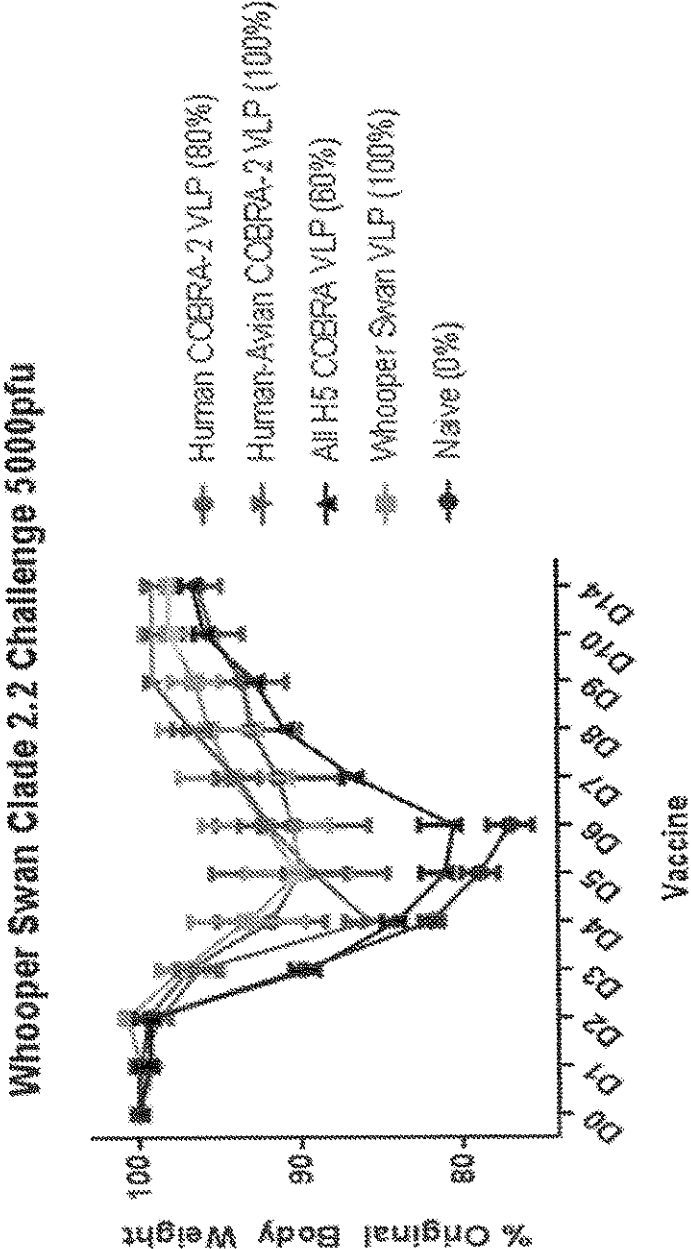
FIG. 14



COBRA Study 9A Whooper Swan

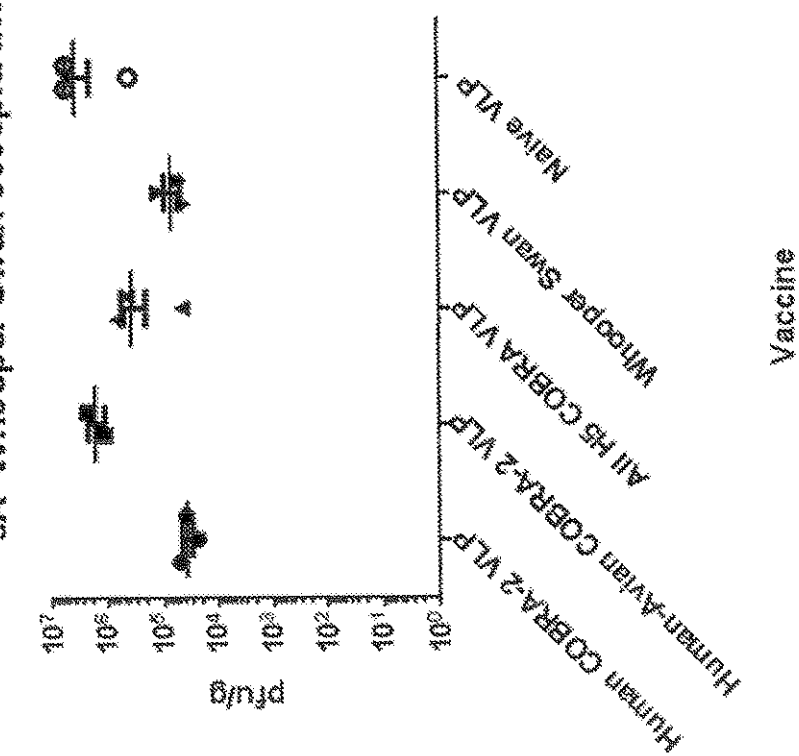
Challenge

FIG. 15



COBRA Study 9A Viral Titers Day 2

9A Whooper Swan 5000pfu titers D2



COBRA Study 9A Viral Titers Day 3

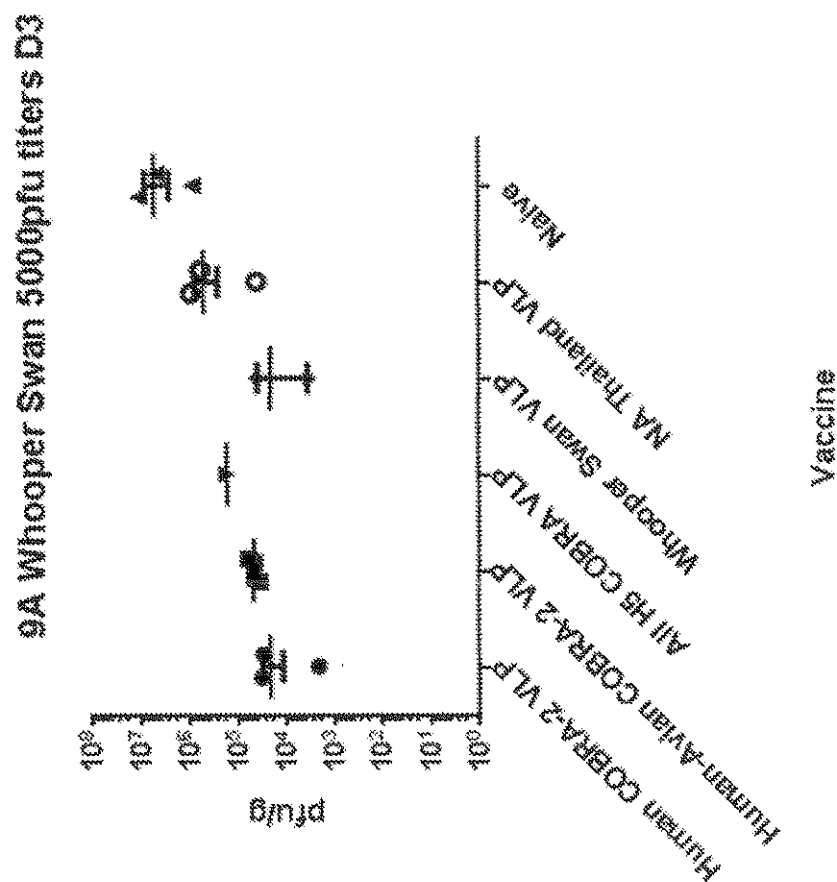


FIG. 17