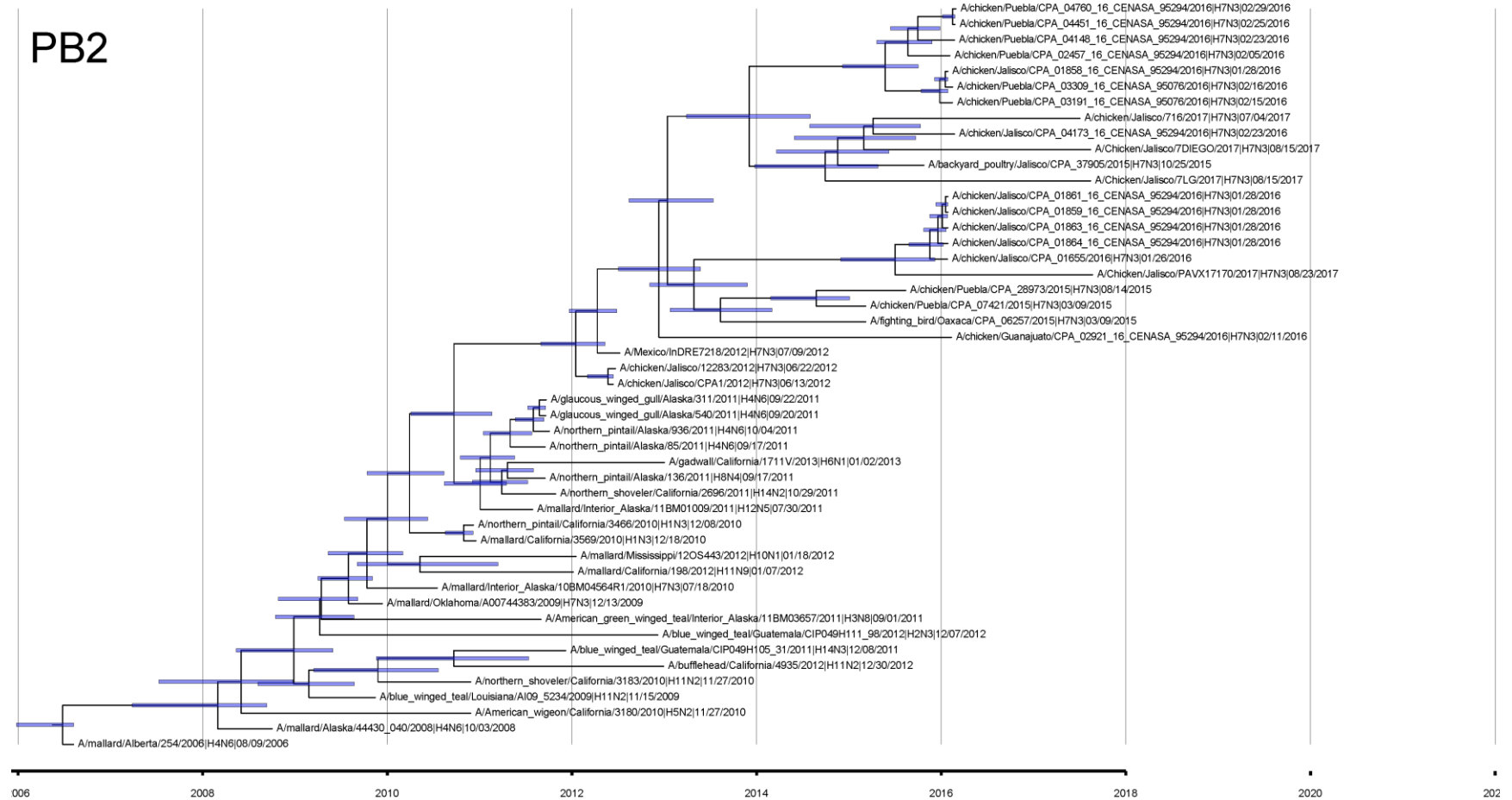
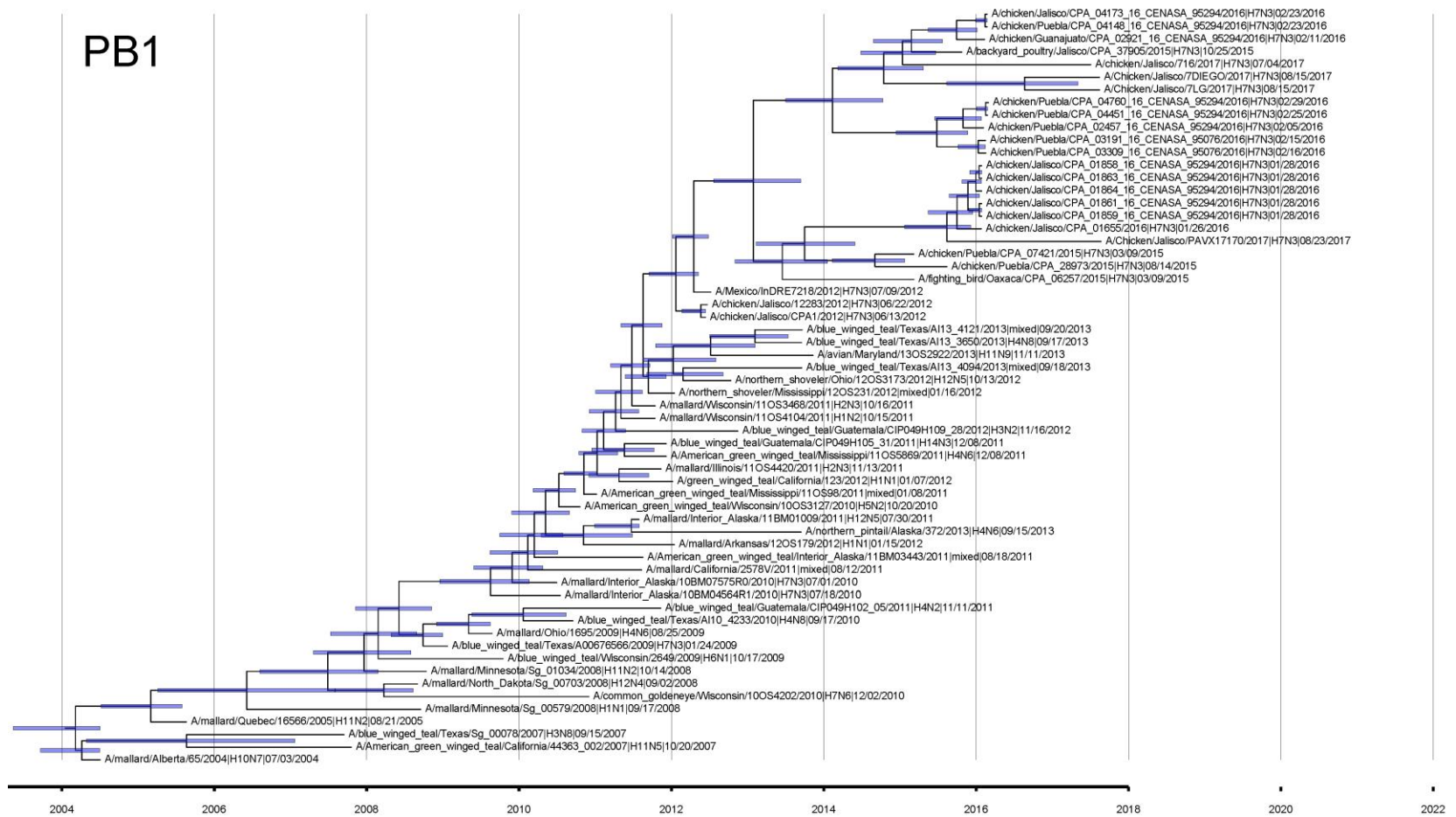


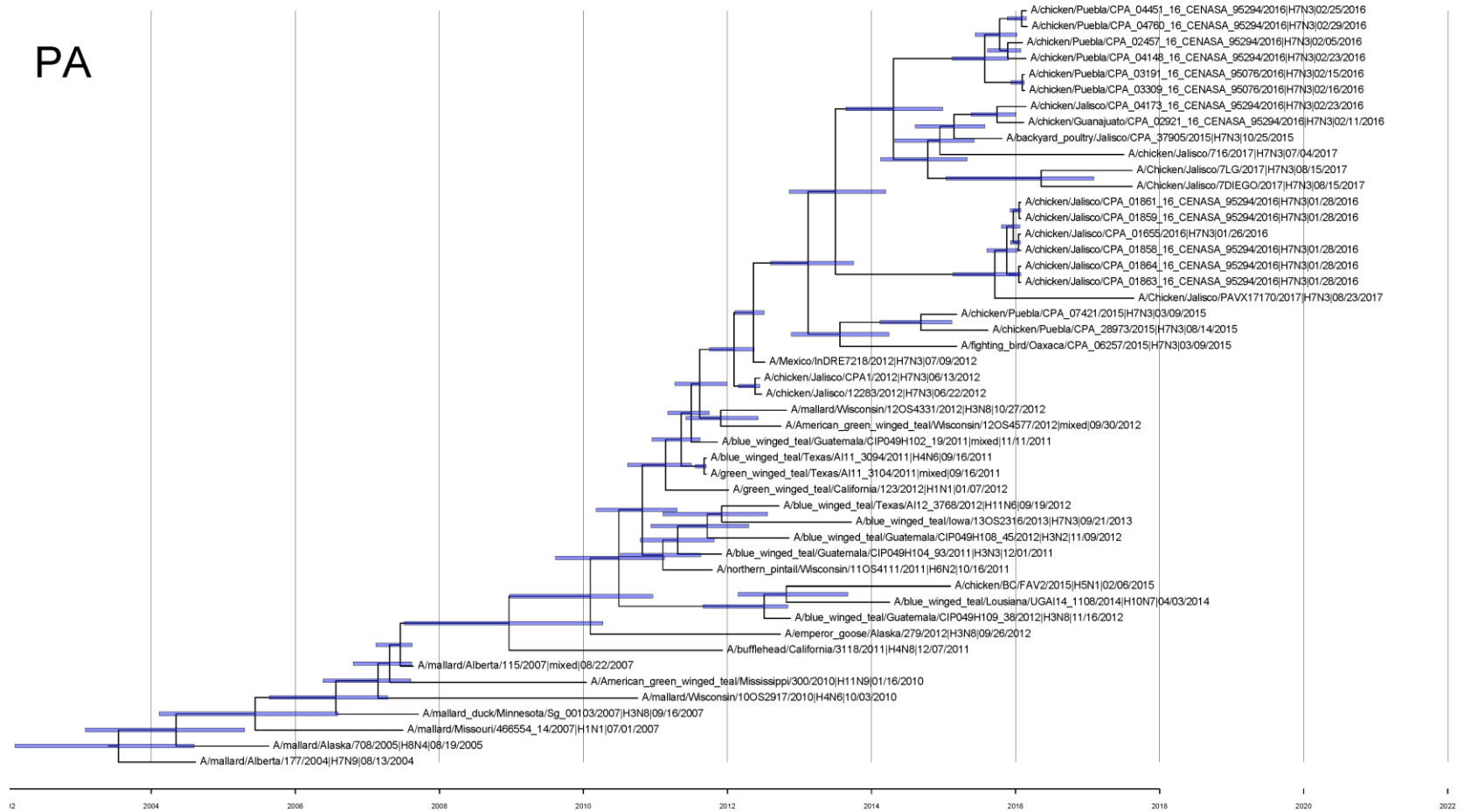
Supplementary Figures 2. Time-scaled phylogenetic trees of the H7N3 HPAI and related wild bird viruses with bars to each node to display 95% HPD of the height



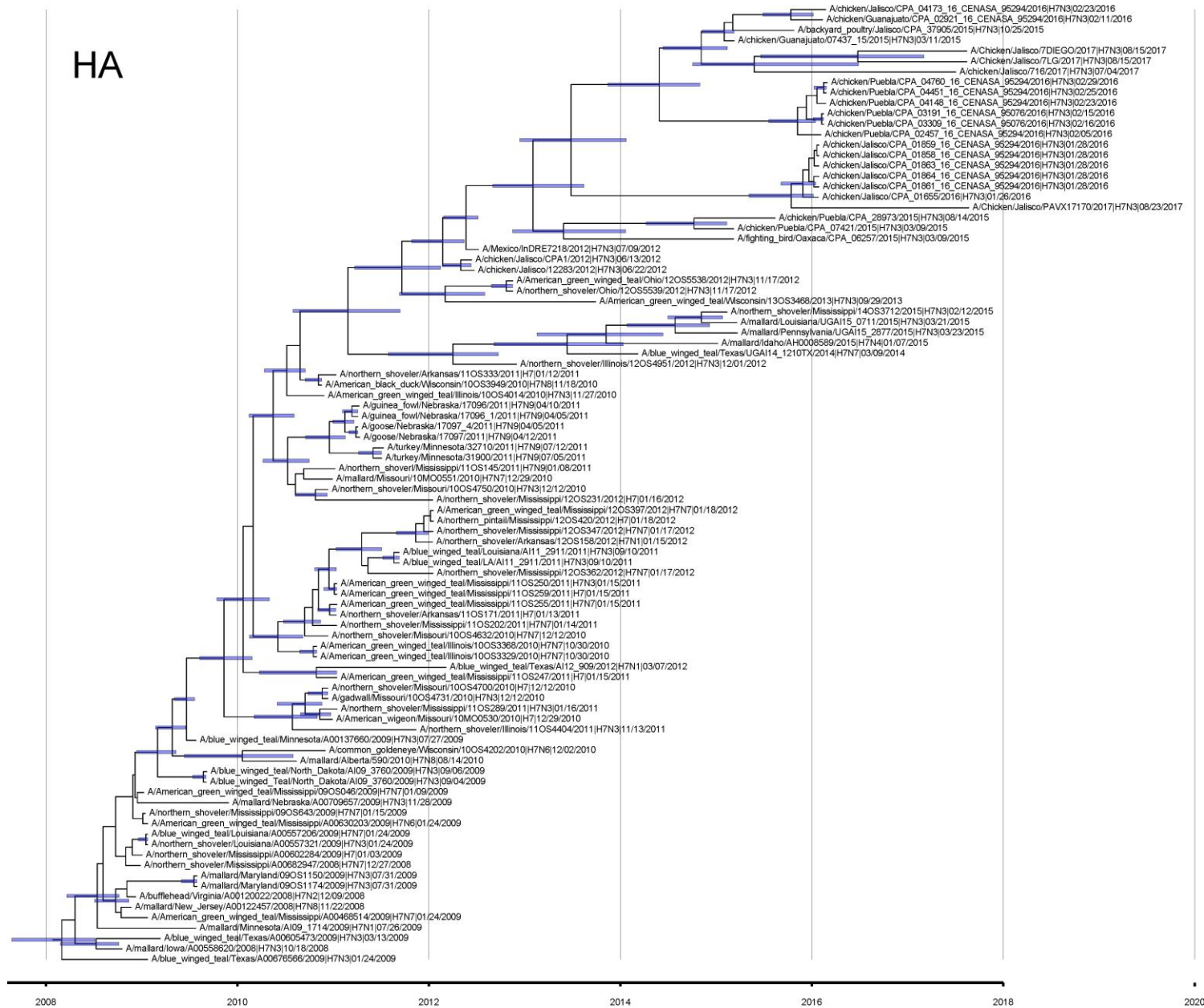
PB1



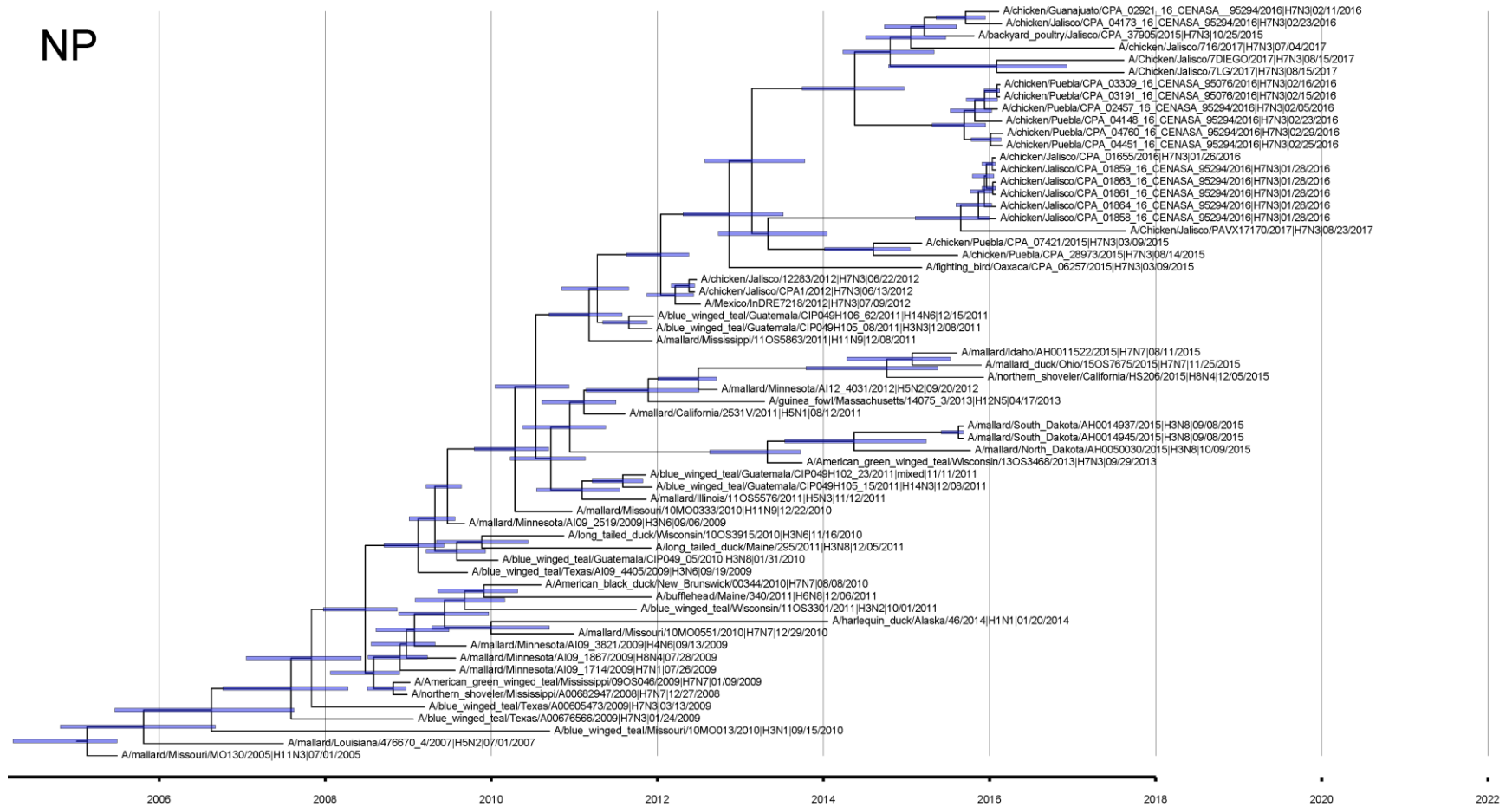
PA



HA



NP



NA

2008 2010 2012 2014 2016 2018 2020

A/northern_shoveler/California/JN770/2008|H10N3|12/06/2006

A/northern_shoveler/Utah/A00374996/2007|H7N3|12/15/2007

A/green_winged_teal/Mexico_Sonora/701/2008|H11N3|12/13/2008

A/northern_pintail/Texas/A00466052/2009|H7N3|01/18/2009

A/mallard/Iowa/A00558620/2008|H7N3|10/18/2008

A/American_green_winged_teal/Texas/A00604024/2009|H7N3|02/03/2009

A/American_green_winged_teal/Texas/A00604032/2009|H7N3|02/03/2009

A/mallard/Nebraska/A00709657/2009|H7N3|11/28/2009

A/blue_winged_teal/Texas/A00676566/2009|H7N3|01/24/2009

A/blue_winged_teal/Illinois/100S3343/2010|H2N3|10/30/2010

A/blue_winged_teal/Guatemala/CIP049H098_32/2010|H5N3|11/19/2010

A/blue_winged_teal/Chile/11/2014|H7N3|04/24/2014

A/blue_winged_teal/Chile/10/2014|H7N3|04/17/2014

A/blue_winged_teal/Chile/12/2014|H7N3|04/26/2014

A/blue_winged_teal/Guatemala/CIP049H105_05/2011|H5N3|12/08/2011

A/blue_winged_teal/TX/AI12_614/2012|H10N3|03/05/2012

A/mallard/Mississippi/120S445/2012|H10N3|01/18/2012

A/northern_shoveler/Guatemala/CIP049H104_69/2011|H11N3|12/01/2011

A/chicken/Jalisco/CPA1/2012|H7N3|06/13/2012

A/chicken/Jalisco/12283/2012|H7N3|06/22/2012

A/Mexico/InDRE7218/2012|H7N3|07/09/2012

A/fighting_bird/Oaxaca/CPA_06257/2015|H7N3|03/09/2015

A/chicken/Puebla/CPA_07421/2015|H7N3|03/09/2015

A/chicken/Puebla/CPA_28973/2015|H7N3|08/14/2015

A/chicken/Jalisco/PAVX17170/2017|H7N3|08/23/2017

A/chicken/Jalisco/CPA_01655/2016|H7N3|01/26/2016

A/chicken/Jalisco/CPA_01858_16_CENASA_95294/2016|H7N3|01/28/2016

A/chicken/Jalisco/CPA_01863_16_CENASA_95294/2016|H7N3|01/28/2016

A/chicken/Jalisco/CPA_01864_16_CENASA_95294/2016|H7N3|01/28/2016

A/chicken/Jalisco/CPA_01861_16_CENASA_95294/2016|H7N3|01/28/2016

A/chicken/Jalisco/CPA_01859_16_CENASA_95294/2016|H7N3|01/28/2016

A/Chicken/Jalisco/7DIEGO/2017|H7N3|08/15/2017

A/Chicken/Jalisco/7LG/2017|H7N3|08/15/2017

A/Chicken/Jalisco/716/2017|H7N3|07/04/2017

A/backyard_poultry/Jalisco/CPA_37905/2015|H7N3|10/25/2015

A/chicken/Jalisco/CPA_04173_16_CENASA_95294/2016|H7N3|02/23/2016

A/chicken/Guanajuato/CPA_02921_16_CENASA_95294/2016|H7N3|02/11/2016

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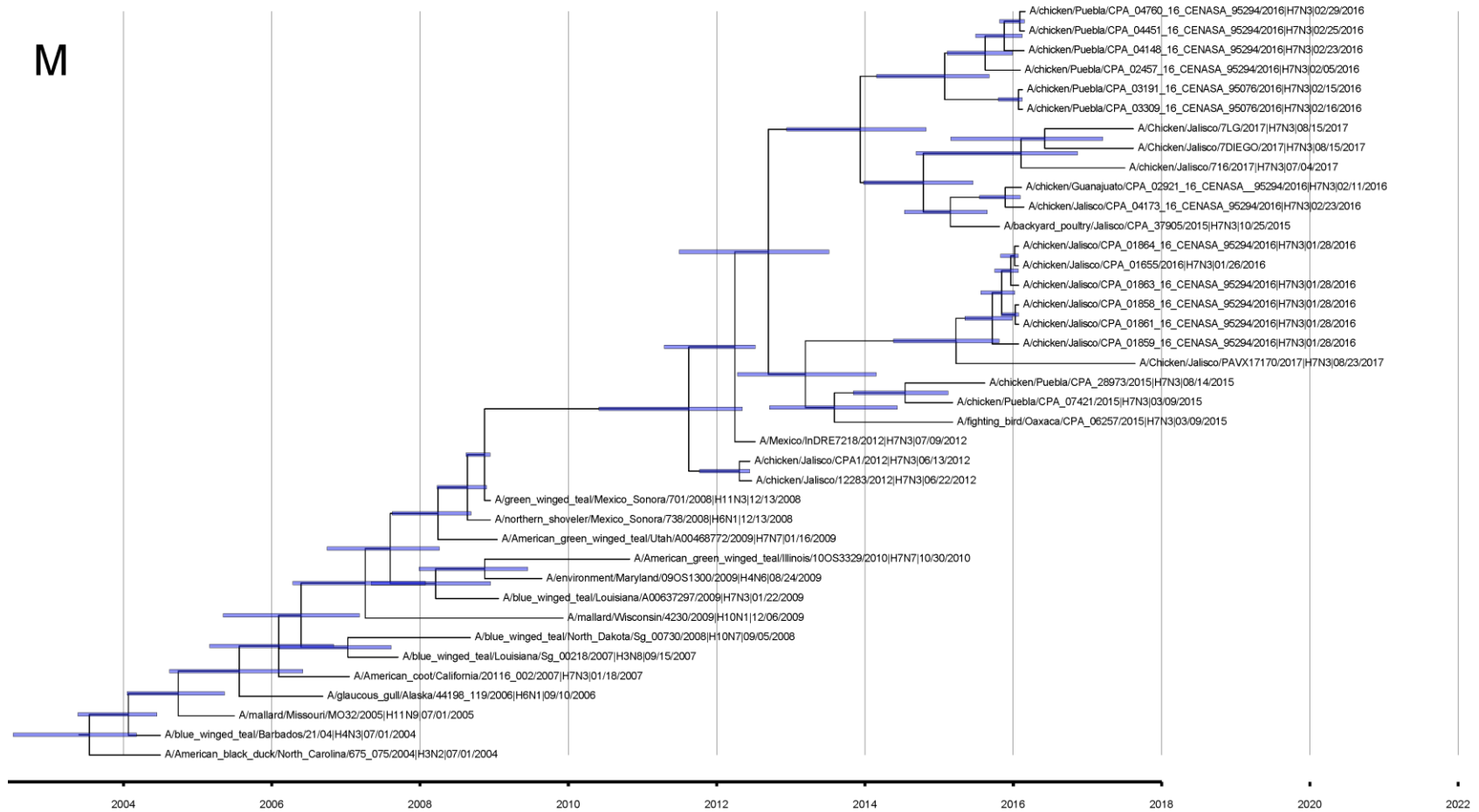
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A/chicken/Puebla/CPA_02457_16_CENASA_95294/2016|H7N3|02/05/2016

A/chicken/Puebla/CPA_04148_16_CENASA_95294/2016|H7N3|02/23/2016

A/chicken/Puebla/CPA_02760_16_CENASA_95294/2016|H7N3|02/29/2016

M



NS

