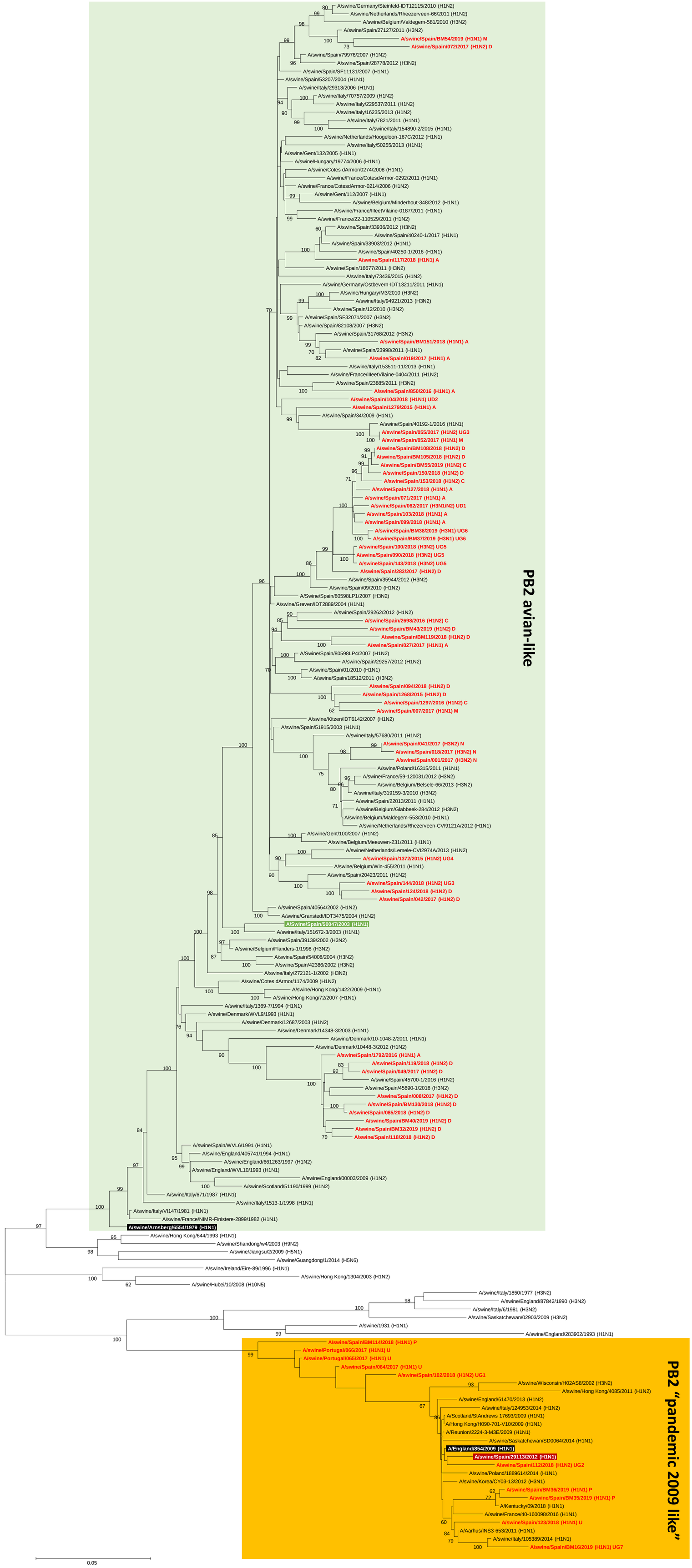
PB2


PB2
A/swine/Germany/Steinfeld-IDT12115/2010 (H1N2)
A/swine/Netherlands/Rheezerveen-66/2011 (H1N2)
A/swine/Belgium/Valdegem-581/2010 (H3N2)
A/swine/Spain/27127/2011 (H3N2)
A/swine/Spain/BM54/2019 (H1N1) M
A/swine/Spain/072/2017 (H1N2) D
A/swine/Spain/79976/2007 (H1N2)
A/swine/Spain/28778/2012 (H3N2)
A/swine/Spain/SF11131/2007 (H1N1)
A/swine/Spain/53207/2004 (H1N1)
A/swine/Italy/29313/2006 (H1N1)
A/swine/Italy/70757/2009 (H1N2)
A/swine/Italy/229537/2011 (H1N2)
A/swine/Italy/16235/2013 (H1N2)
A/swine/Italy/7821/2011 (H1N1)
A/swine/Italy/154890-2/2015 (H1N1)
A/swine/Netherlands/Hoogeloon-167C/2012 (H1N1)
A/swine/Italy/50255/2013 (H1N1)
A/swine/Gent/132/2005 (H1N1)
A/swine/Hungary/19774/2006 (H1N1)
A/swine/Cotes dArmor/0274/2008 (H1N1)
A/swine/France/CotesdArmor-0292/2011 (H1N1)
A/swine/France/CotesdArmor-0214/2006 (H1N2)
A/swine/Gent/112/2007 (H1N1)
A/swine/Belgium/Minderhout-348/2012 (H1N1)
A/swine/France/IlleetVilaine-0187/2011 (H1N1)
A/swine/France/22-110529/2011 (H1N2)
A/swine/Spain/33936/2012 (H3N2)
A/swine/Spain/40240-1/2017 (H1N1)
A/swine/Spain/33903/2012 (H1N1)
A/swine/Spain/40250-1/2016 (H1N1)
A/swine/Spain/117/2018 (H1N1) A
A/swine/Spain/16677/2011 (H3N2)
A/swine/Italy/73436/2015 (H1N2)
A/swine/Germany/Ostbevern-IDT13211/2011 (H1N1)
A/swine/Hungary/M3/2010 (H3N2)
A/swine/Italy/94921/2013 (H3N2)
A/swine/Spain/12/2010 (H3N2)
A/swine/Spain/SF32071/2007 (H3N2)
A/swine/Spain/82108/2007 (H3N2)
A/swine/Spain/31768/2012 (H3N2)
A/swine/Spain/BM151/2018 (H1N1) A
A/swine/Spain/23998/2011 (H1N1)
A/swine/Spain/019/2017 (H1N1) A
A/swine/Italy/153511-11/2013 (H1N1)
A/swine/France/IlleetVilaine-0404/2011 (H1N2)
A/swine/Spain/23885/2011 (H3N2)
A/swine/Spain/850/2016 (H1N1) A
A/swine/Spain/104/2018 (H1N1) UD2
A/swine/Spain/1279/2015 (H1N1) A
A/swine/Spain/34/2009 (H1N1)
A/swine/Spain/40192-1/2016 (H1N1)
A/swine/Spain/055/2017 (H1N2) UG3
A/swine/Spain/052/2017 (H1N1) M
A/swine/Spain/BM108/2018 (H1N2) D
A/swine/Spain/BM105/2018 (H1N2) D
A/swine/Spain/BM55/2019 (H1N2) C
A/swine/Spain/150/2018 (H1N2) D
A/swine/Spain/153/2018 (H1N2) C
A/swine/Spain/127/2018 (H1N1) A
A/swine/Spain/071/2017 (H1N1) A
A/swine/Spain/062/2017 (H3N1/N2) UD1
A/swine/Spain/103/2018 (H1N1) A
A/swine/Spain/099/2018 (H1N1) A
A/swine/Spain/BM38/2019 (H3N1) UG6
A/swine/Spain/BM37/2019 (H3N1) UG6
A/swine/Spain/100/2018 (H3N2) UG5
A/swine/Spain/090/2018 (H3N2) UG5
A/swine/Spain/143/2018 (H3N2) UG5
A/swine/Spain/283/2017 (H1N2) D
A/swine/Spain/35944/2012 (H3N2)
A/swine/Spain/09/2010 (H1N2)
A/Swine/Spain/80598LP1/2007 (H3N2)
A/swine/Greven/IDT2889/2004 (H1N1)
A/swine/Spain/29262/2012 (H1N2)
A/swine/Spain/2698/2016 (H1N2) C
A/swine/Spain/BM43/2019 (H1N2) D
A/swine/Spain/BM119/2018 (H1N2) D
A/swine/Spain/027/2017 (H1N1) A
A/Swine/Spain/80598LP4/2007 (H1N2)
A/swine/Spain/29257/2012 (H1N2)
A/swine/Spain/01/2010 (H1N1)
A/swine/Spain/18512/2011 (H3N2)
A/swine/Spain/094/2018 (H1N2) D
A/swine/Spain/1268/2015 (H1N2) D
A/swine/Spain/1297/2016 (H1N2) C
A/swine/Spain/007/2017 (H1N1) M
A/swine/Kitzen/IDT6142/2007 (H1N2)
A/swine/Spain/51915/2003 (H1N1)
A/swine/Italy/57680/2011 (H1N2)
A/swine/Spain/041/2017 (H3N2) N
A/swine/Spain/018/2017 (H3N2) N
A/swine/Spain/001/2017 (H3N2) N
A/swine/Poland/16315/2011 (H1N1)
A/swine/France/59-120031/2012 (H3N2)
A/swine/Belgium/Belsele-66/2013 (H3N2)
A/swine/Italy/319159-3/2010 (H3N2)
A/swine/Spain/22013/2011 (H1N1)
A/swine/Belgium/Glabbeek-284/2012 (H3N2)
A/swine/Belgium/Maldegem-553/2010 (H1N1)
A/swine/Netherlands/Rhezerveen-CVI9121A/2012 (H1N1)
A/swine/Gent/100/2007 (H1N2)
A/swine/Belgium/Meeuwen-231/2011 (H1N1)
A/swine/Netherlands/Lemele-CVI2974A/2013 (H1N2)
A/swine/Spain/1372/2015 (H1N2) UG4
A/swine/Belgium/Win-455/2011 (H1N1)
A/swine/Spain/20423/2011 (H1N2)
A/swine/Spain/144/2018 (H1N2) UG3
A/swine/Spain/124/2018 (H1N2) D
A/swine/Spain/042/2017 (H1N2) D
A/swine/Spain/40564/2002 (H1N2)
A/swine/Granstedt/IDT3475/2004 (H1N2)
A/Swine/Spain/50047/2003 (H1N1)
A/swine/Italy/151672-3/2003 (H1N1)
A/swine/Spain/39139/2002 (H3N2)
A/swine/Belgium/Flanders-1/1998 (H3N2)
A/swine/Spain/54008/2004 (H3N2)
A/swine/Spain/42386/2002 (H3N2)
A/swine/Italy/272121-1/2002 (H3N2)
A/swine/Cotes dArmor/1174/2009 (H1N2)
A/swine/Hong Kong/1422/2009 (H1N1)
A/swine/Hong Kong/72/2007 (H1N1)
A/swine/Italy/1369-7/1994 (H1N1)
A/swine/Denmark/WVL9/1993 (H1N1)
A/swine/Denmark/12687/2003 (H1N2)
A/swine/Denmark/14348-3/2003 (H1N1)
A/swine/Denmark/10-1048-2/2011 (H1N1)
A/swine/Denmark/10448-3/2012 (H1N2)
A/swine/Spain/1792/2016 (H1N1) A
A/swine/Spain/119/2018 (H1N2) D
A/swine/Spain/049/2017 (H1N2) D
A/swine/Spain/45700-1/2016 (H1N2)
A/swine/Spain/45690-1/2016 (H3N2)
A/swine/Spain/008/2017 (H1N2) D
A/swine/Spain/BM130/2018 (H1N2) D
A/swine/Spain/085/2018 (H1N2) D
A/swine/Spain/BM40/2019 (H1N2) D
A/swine/Spain/BM32/2019 (H1N2) D
A/swine/Spain/118/2018 (H1N2) D
A/swine/Spain/WVL6/1991 (H1N1)
A/swine/England/405741/1994 (H1N1)
A/swine/England/661263/1997 (H1N2)
A/swine/England/WVL10/1993 (H1N1)
A/swine/England/00003/2009 (H1N2)
A/swine/Scotland/51190/1999 (H1N2)
A/swine/Italy/671/1987 (H1N1)
A/swine/Italy/1513-1/1998 (H1N1)
A/swine/Italy/VI147/1981 (H1N1)
A/swine/France/NIMR-Finistere-2899/1982 (H1N1)
A/swine/Arnsberg/6554/1979 (H1N1)
A/swine/Hong Kong/644/1993 (H1N1)
A/swine/Shandong/w4/2003 (H9N2)
A/swine/Jiangsu/2/2009 (H5N1)
A/swine/Guangdong/1/2014 (H5N6)
A/swine/Ireland/Eire-89/1996 (H1N1)
A/swine/Hong Kong/1304/2003 (H1N2)
A/swine/Hubei/10/2008 (H10N5)
A/swine/Italy/1850/1977 (H3N2)
A/swine/England/87842/1990 (H3N2)
A/swine/Italy/6/1981 (H3N2)
A/swine/Saskatchewan/02903/2009 (H3N2)
A/swine/1931 (H1N1)
A/swine/England/283902/1993 (H1N1)
A/swine/Spain/BM114/2018 (H1N1) P
A/swine/Portugal/066/2017 (H1N1) U
A/swine/Portugal/065/2017 (H1N1) U
A/swine/Spain/064/2017 (H1N1) U
A/swine/Spain/102/2018 (H1N2) UG1
A/swine/Wisconsin/H02AS8/2002 (H3N2)
A/swine/Hong Kong/4085/2011 (H1N2)
A/swine/England/61470/2013 (H1N2)
A/swine/Italy/124953/2014 (H1N2)
A/Scotland/StAndrews 17693/2009 (H1N1)
A/Hong Kong/H090-701-V10/2009 (H1N1)
A/Reunion/2224-3-M3E/2009 (H1N1)
A/swine/Saskatchewan/SD0064/2014 (H1N1)
A/England/854/2009 (H1N1)
A/swine/Spain/29113/2012 (H1N1)
A/swine/Spain/112/2018 (H1N2) UG2
A/swine/Poland/1889614/2014 (H1N1)
A/swine/Korea/CY03-13/2012 (H3N1)
A/swine/Spain/BM36/2019 (H1N1) P
A/swine/Spain/BM35/2019 (H1N1) P
A/Kentucky/09/2018 (H1N1)
A/swine/France/40-160098/2016 (H1N1)
A/swine/Spain/123/2018 (H1N1) U
A/Aarhus/INS3 653/2011 (H1N1)
A/swine/Italy/105389/2014 (H1N1)
A/swine/Spain/BM16/2019 (H1N1) UG7
PB2 avian-like
PB2 "pandemic 2009 like"
0.05