A/duck/Vietnam/QN3328/2016 (H5/H6, N6/N8, mixed)
A/duck/Vietnam/QN3335/2016 (H3/H5, N6, mixed)
98
A/Muscovy duck/Vietnam/QN3318/2016 (H3/H5, N2/N6, mixed)
A/duck/Vietnam/HN3668/2017 (H5N6)
A/duck/Vietnam/HN3680/2017 (H5N6)
A/Muscovy duck/Vietnam/HN3667/2017 (H5N6)
A/Muscovy duck/Vietnam/QN3253/2016 (H5N6)
98
A/Muscovy duck/Vietnam/QN3262/2016 (H5N6)
A/Muscovy duck/Vietnam/HN3515/2017 (H5/H6, N6, mixed)
A/duck/Vietnam/HN3972/2017 (H5N6)
A/duck/Vietnam/HN3977/2017 (H5N6)
A/duck/Vietnam/HN4042/2017 (H5N6)
A/duck/Vietnam/HN4043/2017 (H5N6)
A/chicken/Vietnam/6115/2015 (H5N6)
A/Muscovy duck/Vietnam/HN4714/2018 (H5N6)
A/chicken/Nha Trang/129/2015 (H5N6)
A/chicken/Vietnam/NCVD-15A59/2015 (H5N6)
A/duck/Vietnam/HN4231/2017 (H5N6)
A/duck/Vietnam/HN4240/2017 (H5N6)
A/Muscovy duck/Vietnam/HN3948/2017 (H5/H6, N6, mixed)
A/Muscovy duck/Vietnam/HN3943/2017 (H5/H6, N6, mixed)
A/common teal/Korea/W559/2017 (H5N6)
A/owl/Hokkaido/X6/2016 (H5N6)
A/wild duck/South Korea/1914/2019 (H5N6)
A/mute swan/Hyogo/2801ITM015/2017 (H5N6)
A/common porchard/Aichi/2301N017/2017 (H5N6)
91
A/chicken/Shenzhen/1395/2013 (H5N6)
A/swan goose/Jiangxi/H23/2014 (H3N6)
A/chicken/DaLi/302/2014 (H5N1)
A/chicken/Vietnam/NCVD-KA423/2013 (H5N1)
A/chicken/Vietnam/NCVD14-A324/2014 (H5N6)
A/duck/Jiangxi/13469/2014 (H5N6)
A/duck/Vietnam/QT1483/2012 (H5N1)
A/turkey/India/01CA01/2015 (H5N1)
A/bar-headed goose/China/F/2015 (H5N1)
A/chicken/Jiangsu/2477/2014 (H5N1)
A/duck/Quang Ninh/53/2013 (H5N1)
A/Muscovy duck/Vietnam/LBM228/2012 (H5N1)
A/Muscovy duck/Vietnam/HN3801/2017 (H5N1)
A/Muscovy duck/Vietnam/HN3810/2017 (H5N1)
A/duck/Vietnam/QN4220/2017 (H5N1)
A/duck/Vietnam/QN3556/2017 (H5, N1/N6, mixed)
A/Muscovy duck/Vietnam/HN3790/2017 (H5N1)
A/Muscovy duck/Vietnam/LBM992c/2017 (H5N1)
A/duck/Vietnam/HN3443/2016 (H5/H6, N1/N6, mixed)
A/duck/Vietnam/HN3448/2016 (H5/H6, N1/N6, mixed)
80
A/Muscovy duck/Vietnam/HN3506/2017 (H5, N1/N6, mixed)
A/Muscovy duck/Vietnam/HN3656/2017 (H5N1)
A/Muscovy duck/Vietnam/HN3590/2017 (H5N1)
A/chicken/Vietnam/HU12-669/2019 (H5N1)
A/duck/Vietnam/LBM132/2012 (H5N1)
A/duck/Bangladesh/21980/2014 (H5N1)
A/wild duck/Jilin/HF/2011 (H5N1)
A/baikal teal/Korea/Q524/2010 (H5N1)
A/duck/Hokkaido/WZ101/2010 (H5N1)
A/duck/Korea/NSQ263/2008 (H5N1)
A/Muscovy duck/Vietnam/57/2007 (H5N1)
A/chicken/Fujian/1/2007 (H5N1)
A/chicken/Guiyang/3923/2005 (H5N1)
A/duck/Vietnam/QB1207/2012 (H5N1)
A/quail/Shantou/911/2005 (H5N1)
99
A/chicken/India/81766/2008 (H5N1)
A/duck/Vietnam/20/2005 (H5N1)
A/mallard/Vietnam/3/2003 (H5N1)
A/quail/Vietnam/177/2004 (H5N1)
A/wild bird/Vietnam/434/2005 (H5N1)
A/chicken/Jilin/xv/2002 (H5N1)
A/swan/Guangxi/307/2004 (H5N1)
A/chicken/West Java/Smi-M1/2008 (H5N1)
A/chicken/Hong Kong/FY150/2001 (H5N1)
A/chicken/Shantou/2535/2001 (H5N1)
A/chicken/Guangxi/2439/2004 (H5N1)
A/chicken/Jiangsu/RD5/2013 (H10N9)
A/domestic mallard/Korea/HP71/2007 (H3N6)
A/Baikal teal/Korea/H52/2014 (H5N8)
A/quail/Korea/KJ4/2006 (H5N1)
A/Muscovy duck/Vietnam/QN6297/2020 (H3N2)
A/duck/Zhejiang/727D9/2013 (H11N3)
A/mallard/South Korea/N11-087/2011 (H9N2)
A/Whooper swans/Hokkaido/W80/2017 (H5N2)
A/duck/Hokkaido/W44/2018 (H5N2)
A/Muscovy duck/Vietnam/HN5693/2019 (H4N2)
A/wild bird/Wuhan/CDHN173/2015 (H11N9)
A/wild duck/Korea/SH19-44/2010 (H7N9)
A/aquatic bird/Korea/CN9/2009 (H6N8)
A/wild duck/South Korea/KNU2020-104/2020 (H3N8)
A/duck/Bangladesh/38557/2019 (H8N4)
A/mallard/Korea/H207/2014 (H5N8)
A/quail/Aichi/1/2009 (H7N6)
A/chicken/Bangladesh/35732/2018 (H9N2)
99
A/chicken/Bangladesh/13916/2011 (H9N2)
A/chicken/Bangladesh/31271/2016 (H9N2)
A/duck/Zhejiang/D17/2013 (H3N3)
A/Bar-headed Goose/Qinghai/59/2005 (H5N1)
A/Muscovy duck/Fujian/FZ01/2008 (H6N6)
A/chicken/Guangdong/S1414/2010 (H6N6)
A/chicken/Ganzhou/GZ21/2015 (H5N6)
A/duck/Shantou/1984/2007 (H6N6)
A/Teal/Hong Kong/W312/1997 (H6N1)
A/chicken/Henan/62/2000 (H9N2)
99
A/chicken/Yokohama/aq120/2001 (H9N2)
A/chicken/Anhui/AH272/2015 (H7N9)
A/chicken/Hebei/0721/2013 (H9N2)
99
A/chicken/Anhui/MZ33/2016 (H5N6)
A/chicken/Jiangxi/27600/2013 (H10N8)
A/chicken/Vietnam/HU3-373/2015 (H9N2)
A/chicken/Guangdong/SD023/2014 (H7N9)
96
A/chicken/Dongguan/237/2014 (H7N9)
A/equine/Uruguay/1/1963 (H3N8)
A/black-headed gull/Georgia/1/2011 (H13N8)
Allele A
A/bean goose/Korea/F27-6/2017 (H6N1)
A/wild duck/Korea/SNU50-5/2009 (H5N1)
A/wild duck/SH38-56/2010 (H2N8)
A/eurasian wigeon/Mongolia/340V/2009 (H4N6)
A/duck/Mongolia/646/2010 (H3N8)
A/aquatic bird/South Korea/sw006/2016 (H3N3)
A/green winged teal/Japan/9KS0643/2009 (H12N3)
100
A/duck/Japan/9UO139/2009 (H5N2)
A/avian/Japan/8KI0180/2008 (H3N8)
Allele B
0.01