```
AF260508 NA NA NA Yuc-8 NA NA
-MK059956 human USA NA Oxford NA cell-culture (serotype 8)
                                          DQ070852 NA BRA NA NA Goiania-GO-12-95-Brazil NA
                                        AY720891 NA NA NA Dresden NA NA
                                     MK059952 human USA NA Oxford NA cell-culture (serotype 4)

    KC285113 human RUS 2010 NA HAstV-4-RUS-Novosibirsk-Nsc10-N1190-2010 feces

                                          KF039912 NA RUS 2005 NA Rus-Nsc05-623 NA
                                          MT906853 human BRA 2014 Hu-BRA-TO-207-2014 BRA-TO-207 stool
                                          MT906854 human BRA 2015 Hu-BRA-TO-71-2015 BRA-TO-71 stool-sample
                                          MT906855 human BRA 2014 Hu-BRA-TO-26-2014 BRA-TO-26 stool-sample
                     Tree scale: 0.1

    KF039913 NA RUS 2010 NA Rus-Nsc10-N358 NA

                                       DQ344027 NA CHN NA NA Guangzhou NA
                                          OP432293 human CHN 2021 NA HAstV-4-RC-21027 NA
                                          OP432299 human CHN 2021 NA HAStV-4-RC-21045 NA
                                          OR371570 human CHN 2022 HAstV-4-Fuzhou-2022-10 NA feces
                                           OP432295 human CHN 2022 NA HAstV-4-OD-F-22056 NA
                                          ON571598 human CHN 2021 NA 2021-Fuzhou-37 feces
                                          OP432297 human CHN 2022 NA HAstV-4-QD-L-22001 NA
                                          OP432300 human CHN 2022 NA HAstV-4-QD-S-22022 NA
                                           OP432298 human CHN 2022 NA HAstV-4-QD-S-22015 NA
                                           OP432294 human CHN 2022 NA HAstV-4-QD-L-22040 NA
                                                    OP432296 human CHN 2021 NA HAstV-4-RC-21047 NA
                                          OP432301 human CHN 2022 NA HAstV-4-QD-L-22019 NA
                             HM237363 NA NA NA NA Katano NA
                             ► MK059954 human USA NA Oxford NA cell-culture (serotype 6)
                             GQ495608 human CHN 2007 NA 192-BJ07-CHN stool
                                GQ901902 human RUS 2009 NA Rus-Nsc09-B4 NA
                             DQ028633 NA BRA NA NA Goiania-GO-12-94-Brazil stool
                          MK059953 human USA NA Oxford NA cell-culture (serotype 5)
                         -JQ403108 human CHN 2010 NA DL030 stool
                          MT267476 human ZAF 2015 SA10098 NA Fecal-Specimen
                          MN433706 human USA 2014 Hu-US-2014-CA-RGDS-1073 NA stool
                          MW485044 human KEN 2019 KLF-HAstV5-002-2019 NA NA
                          MW485045 human KEN 2019 KLF-HAstV5-003-2019 NA NA
                          MF684776 human CHN 2013 NA 2013-Fuzhou-85 stool
                          ON571595 human CHN 2019 NA 2019-Fuzhou-289 feces
                          OR222910 human CHN 2021 NA SY2106 stool
                          MT906858 human BRA 2014 Hu-BRA-TO-57-2014 BRA-TO-57 stool
                          MT906859 human BRA 2014 Hu-BRA-TO-32-2014 BRA-TO-32 stool-sample
                           MT906856 human BRA 2015 Hu-BRA-TO-65-2015 BRA-TO-65 stool
                          MT906857 human BRA 2014 Hu-BRA-TO-40-2014 BRA-TO-40 stool
                                                                KF039910 NA RUS 2005 NA Rus-Nsc05-430 NA
                                                            MK059950 human USA NA Oxford NA cell-culture (serotype 2)
                                                               MN433705 human USA 2014 Hu-US-2014-CA-RGDS-1072 NA stool
                                                              -MW485042 human KEN 2019 KLF-HAstV2-005-2019 NA NA
                                                             • KF039911 NA RUS 2006 NA Rus-Nsc06-1029 NA
                                                            └KC285152 human RUS 2011 NA HAstV-2-RUS-Novosibirsk-Nsc11-N2411-2011 feces
                                              •MK059955 human USA NA Oxford NA cell-culture (serotype 7)
                                         MT267483 human ZAF 2015 SA6118 NA Fecal-Specimen
                                        MK059951 human USA NA Oxford NA cell-culture (serotype 3)
                                         GU223905 human RUS 2003 NA Rus-Nsc03-H191 NA
                                          GU732187 human RUS 2008 NA Rus-Nsc08-3364 NA
                                         JF491430 human RUS 2004 NA Rus-Nsc04-H355 NA
                                       -MW485043 human KEN 2019 KLF-HAstV3-007-2019 NA NA
                                      MZ603079 NA NA 2011 NA HAStV-3-RVAB feces
                                      MG571777 human VEN 2015 NA NA stool
                                       MK296753 human IRL 2018 Hu-HAstV3-2016-East-Ireland 17W1028 feces •
                                       LC732124 human JPN 2016 Human-JPN-2016-JP14989 Child-with-acute-gastroenteritis feces
                                       MN444721 human USA 2017 Hu-US-2017-CA-RGDS-1074 NA stool
                                       LC694985 human JPN 2019 NA HAStV3-190610-Tokyo-2019 NA
                                       LC732122 human JPN 2016 Human-JPN-2016-JP14641 Child-with-acute-gastroenteritis feces
                                       LC732123 human JPN 2016 Human-JPN-2016-JP14665 Child-with-acute-gastroenteritis feces
                                        FJ755404 human CHN 2007 Beijing-291-2007-CHN NA stool
                                         KF211475 human CHN 2010 NA JZ NA
                                        - AY720892 NA NA NA Dresden NA NA
                                        JN887820 human KOR 2006 lhar-2011-kor NA stool
                                        FJ755403 human CHN 2006 Beijing-176-2006-CHN NA stool
                                           FJ755402 human CHN 2005 Beijing-128-2005-CHN NA stool
                                           FJ755405 human CHN 2007 Beijing-293-2007-CHN NA stool
                                            KC342249 human CHN 2012 NA km1 stool-sample
                                           ON571594 human CHN 2019 NA 2019-Fuzhou-26 feces
                                                              NC 030922 NA IND 2004 NA V1347 NA
                                              OQ630461 human GIN 2021 NA SEN-21-286-S1 Stool-Sample-of-non-polio-AFP
                                             LC694996 human JPN 2018 NA HAstV1-181290-Tokyo-2018 NA
                                              LC694997 human JPN 2018 NA HAStV1-181289-Tokvo-2018 NA
                                              MW485040 human KEN 2019 KLF-HAstV1-008-2019 NA NA
                                              MW485039 human KEN 2019 KLF-HAstV1-006-2019 NA NA
                                              MW485038 human KEN 2019 KLF-HAstV1-001-2019 NA NA
                                              MW485041 human KEN 2019 KLF-HAstV1-010-2019 NA NA
                                        L23513 NA NA NA NA Oxford NA (serotype 1)
                                       MK059949 human USA NA Oxford NA cell-culture (serotype 1)
                                        Z25771 NA NA NA NA NA NA
                                          ► HQ398856 human HUN 2010 Hu-Nyergesujfalu-HUN4520-2010-HUN NA fecal-sample
                                           MT832896 human BRA 2015 MAstV-1-Hu-BRA-TO-208-2015 TO-208 feces
                                           MT832892 human BRA 2015 MAstV-1-Hu-BRA-TO-98-2015 TO-98 feces
                                           MT832895 human BRA 2015 MAstV-1-Hu-BRA-TO-171-2015 TO-171 feces
                                           MT832894 human BRA 2011 MAstV-1-Hu-BRA-TO-162-2011 TO-162 feces
                                           MT832893 human BRA 2015 MAstV-1-Hu-BRA-TO-160-2015 TO-160 feces
                                           MT832897 human BRA 2015 MAstV-1-Hu-BRA-TO-161-2015 TO-161 feces
                                           MN433703 human USA 2013 Hu-US-2013-CA-RGDS-1070 NA stool
                                           MN433704 human USA 2013 Hu-US-2013-CA-RGDS-1071 NA stool
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                                            LC694986 human JPN 2022 NA HAstV1-211185-Tokyo-2022 NA
                                            LC694995 human JPN 2020 NA HAstV1-192642-Tokyo-2020 NA
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                                            LC694991 human JPN 2021 NA HAStV1-210764-Tokyo-2021 NA
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KP862744 human KOR 2014 NA kor85 human-stool