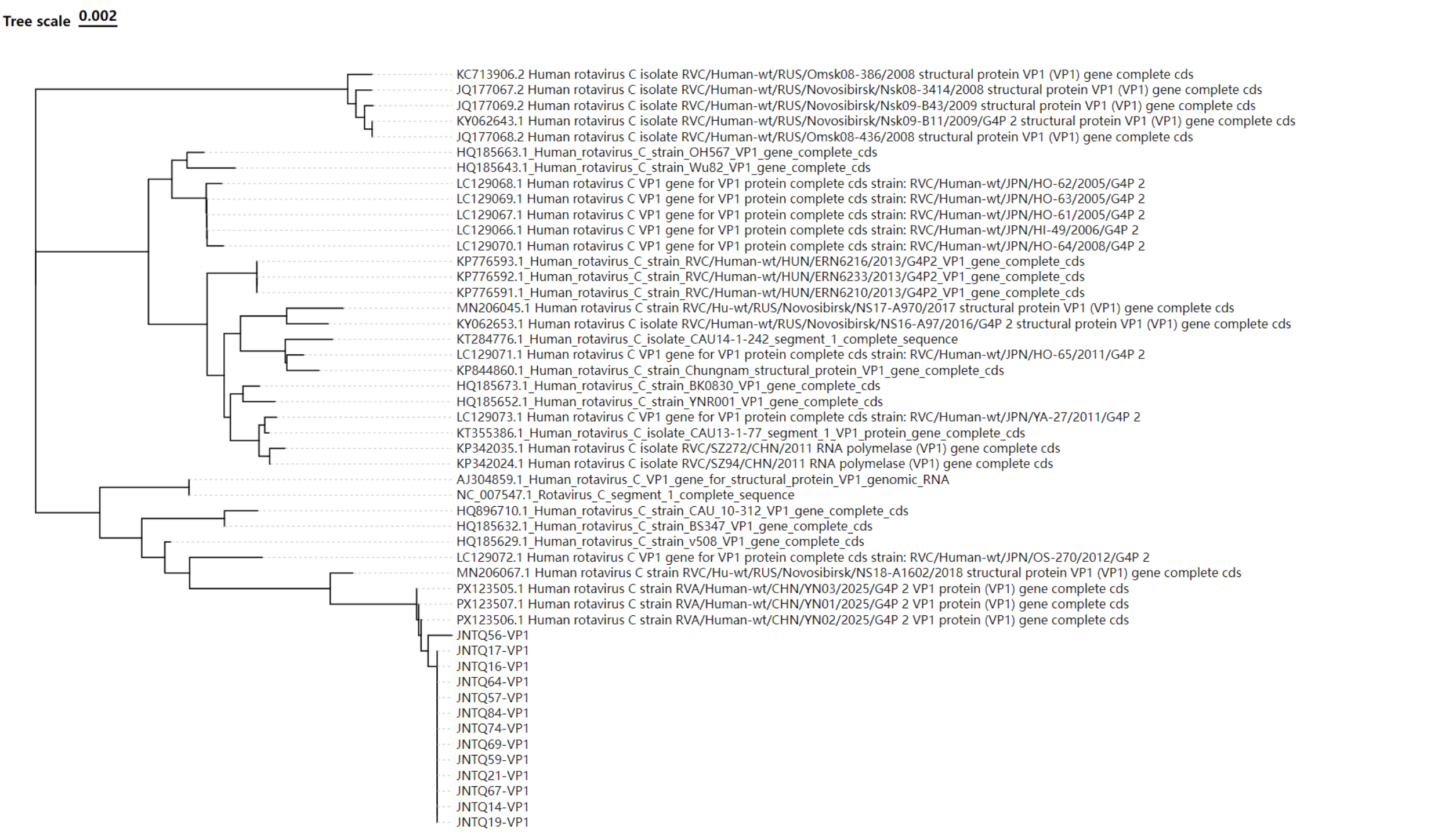
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JQ177069.2 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/Nsk09-B43/2009 structural protein VP1 (VP1) gene complete cds
KY062643.1 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/Nsk09-B11/2009/G4P 2 structural protein VP1 (VP1) gene complete cds
JQ177068.2 Human rotavirus C isolate RVC/Human-wt/RUS/Omsk08-436/2008 structural protein VP1 (VP1) gene complete cds
HQ185663.1_Human_rotavirus_C_strain_OH567_VP1_gene_complete_cds
HQ185643.1_Human_rotavirus_C_strain_Wu82_VP1_gene_complete_cds
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LC129069.1 Human rotavirus C VP1 gene for VP1 protein complete cds strain: RVC/Human-wt/JPN/HO-63/2005/G4P 2
LC129067.1 Human rotavirus C VP1 gene for VP1 protein complete cds strain: RVC/Human-wt/JPN/HO-61/2005/G4P 2
LC129066.1 Human rotavirus C VP1 gene for VP1 protein complete cds strain: RVC/Human-wt/JPN/HI-49/2006/G4P 2
LC129070.1 Human rotavirus C VP1 gene for VP1 protein complete cds strain: RVC/Human-wt/JPN/HO-64/2008/G4P 2
KP776593.1_Human_rotavirus_C_strain_RVC/Human-wt/HUN/ERN6216/2013/G4P2_VP1_gene_complete_cds
KP776592.1_Human_rotavirus_C_strain_RVC/Human-wt/HUN/ERN6233/2013/G4P2_VP1_gene_complete_cds
KP776591.1_Human_rotavirus_C_strain_RVC/Human-wt/HUN/ERN6210/2013/G4P2_VP1_gene_complete_cds
MN206045.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS17-A970/2017 structural protein VP1 (VP1) gene complete cds
KY062653.1 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/NS16-A97/2016/G4P 2 structural protein VP1 (VP1) gene complete cds
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HQ185652.1_Human_rotavirus_C_strain_YNR001_VP1_gene_complete_cds
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KT355386.1_Human_rotavirus_C_isolate_CAU13-1-77_segment_1_VP1_protein_gene_complete_cds
KP342035.1 Human rotavirus C isolate RVC/SZ272/CHN/2011 RNA polymelase (VP1) gene complete cds
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AJ304859.1_Human_rotavirus_C_VP1_gene_for_structural_protein_VP1_genomic_RNA
NC_007547.1_Rotavirus_C_segment_1_complete_sequence
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HQ185632.1_Human_rotavirus_C_strain_BS347_VP1_gene_complete_cds
HQ185629.1_Human_rotavirus_C_strain_v508_VP1_gene_complete_cds
LC129072.1 Human rotavirus C VP1 gene for VP1 protein complete cds strain: RVC/Human-wt/JPN/OS-270/2012/G4P 2
MN206067.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS18-A1602/2018 structural protein VP1 (VP1) gene complete cds
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JNTQ17-VP1
JNTQ16-VP1
JNTQ64-VP1
JNTQ57-VP1
JNTQ84-VP1
JNTQ74-VP1
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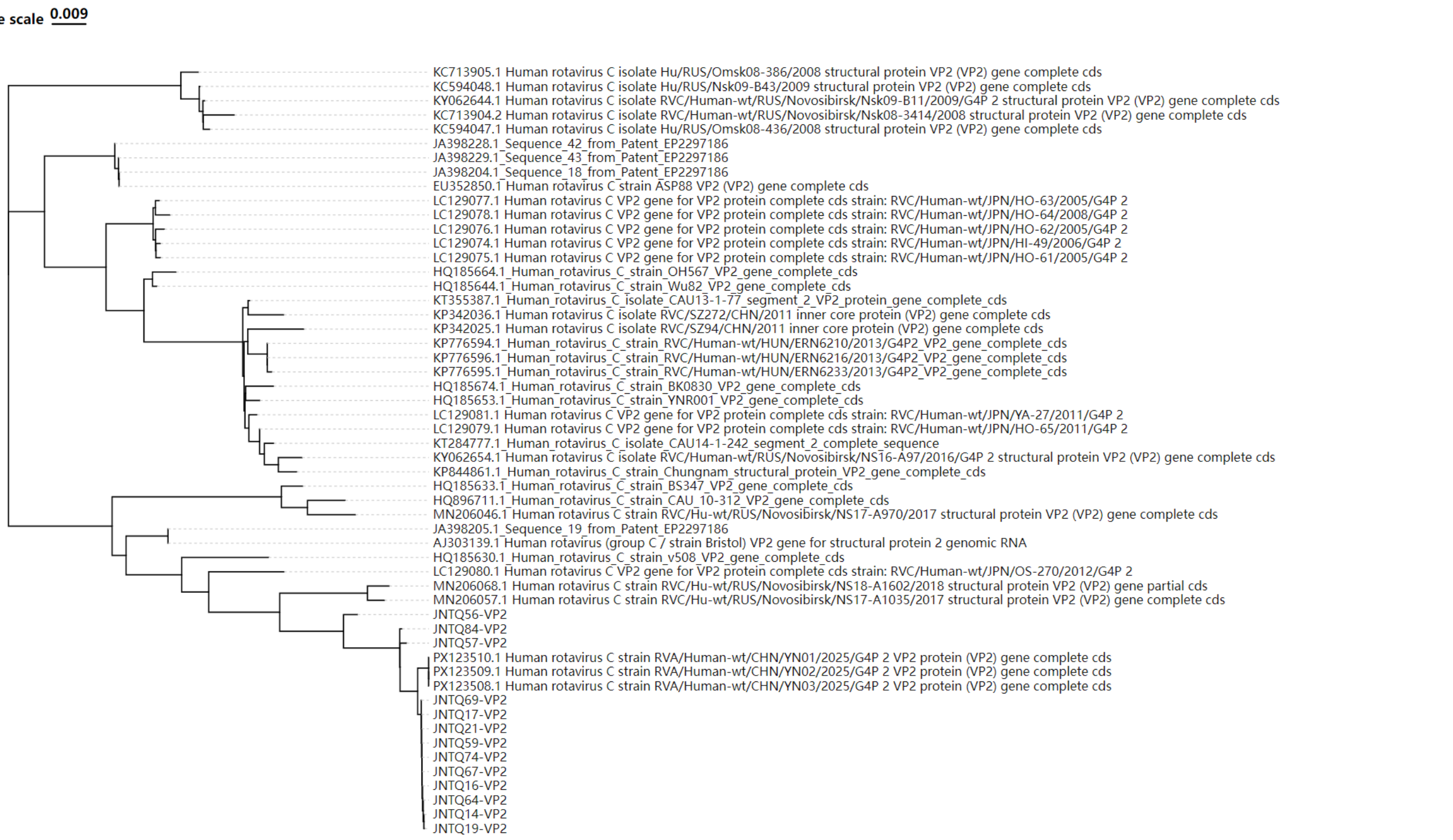
JNTQ14-VP1
JNTQ19-VP1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KC594048.1 Human rotavirus C isolate Hu/RUS/Nsk09-B43/2009 structural protein VP2 (VP2) gene complete cds
KY062644.1 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/Nsk09-B11/2009/G4P 2 structural protein VP2 (VP2) gene complete cds
KC713904.2 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/Nsk08-3414/2008 structural protein VP2 (VP2) gene complete cds
KC594047.1 Human rotavirus C isolate Hu/RUS/Omsk08-436/2008 structural protein VP2 (VP2) gene complete cds
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JA398229.1_Sequence_43_from_Patent_EP2297186
JA398204.1_Sequence_18_from_Patent_EP2297186
EU352850.1 Human rotavirus C strain ASP88 VP2 (VP2) gene complete cds
LC129077.1 Human rotavirus C VP2 gene for VP2 protein complete cds strain: RVC/Human-wt/JPN/HO-63/2005/G4P 2
LC129078.1 Human rotavirus C VP2 gene for VP2 protein complete cds strain: RVC/Human-wt/JPN/HO-64/2008/G4P 2
LC129076.1 Human rotavirus C VP2 gene for VP2 protein complete cds strain: RVC/Human-wt/JPN/HO-62/2005/G4P 2
LC129074.1 Human rotavirus C VP2 gene for VP2 protein complete cds strain: RVC/Human-wt/JPN/HI-49/2006/G4P 2
LC129075.1 Human rotavirus C VP2 gene for VP2 protein complete cds strain: RVC/Human-wt/JPN/HO-61/2005/G4P 2
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HQ185644.1_Human_rotavirus_C_strain_Wu82_VP2_gene_complete_cds
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KP342036.1 Human rotavirus C isolate RVC/SZ272/CHN/2011 inner core protein (VP2) gene complete cds
KP342025.1 Human rotavirus C isolate RVC/SZ94/CHN/2011 inner core protein (VP2) gene complete cds
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KP776595.1_Human_rotavirus_C_strain_RVC/Human-wt/HUN/ERN6233/2013/G4P2_VP2_gene_complete_cds
HQ185674.1_Human_rotavirus_C_strain_BK0830_VP2_gene_complete_cds
HQ185653.1_Human_rotavirus_C_strain_YNR001_VP2_gene_complete_cds
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HQ896711.1_Human_rotavirus_C_strain_CAU_10-312_VP2_gene_complete_cds
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MN206057.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS17-A1035/2017 structural protein VP2 (VP2) gene complete cds
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JNTQ84-VP2
JNTQ57-VP2
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PX123508.1 Human rotavirus C strain RVA/Human-wt/CHN/YN03/2025/G4P 2 VP2 protein (VP2) gene complete cds
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JNTQ17-VP2
JNTQ21-VP2
JNTQ59-VP2
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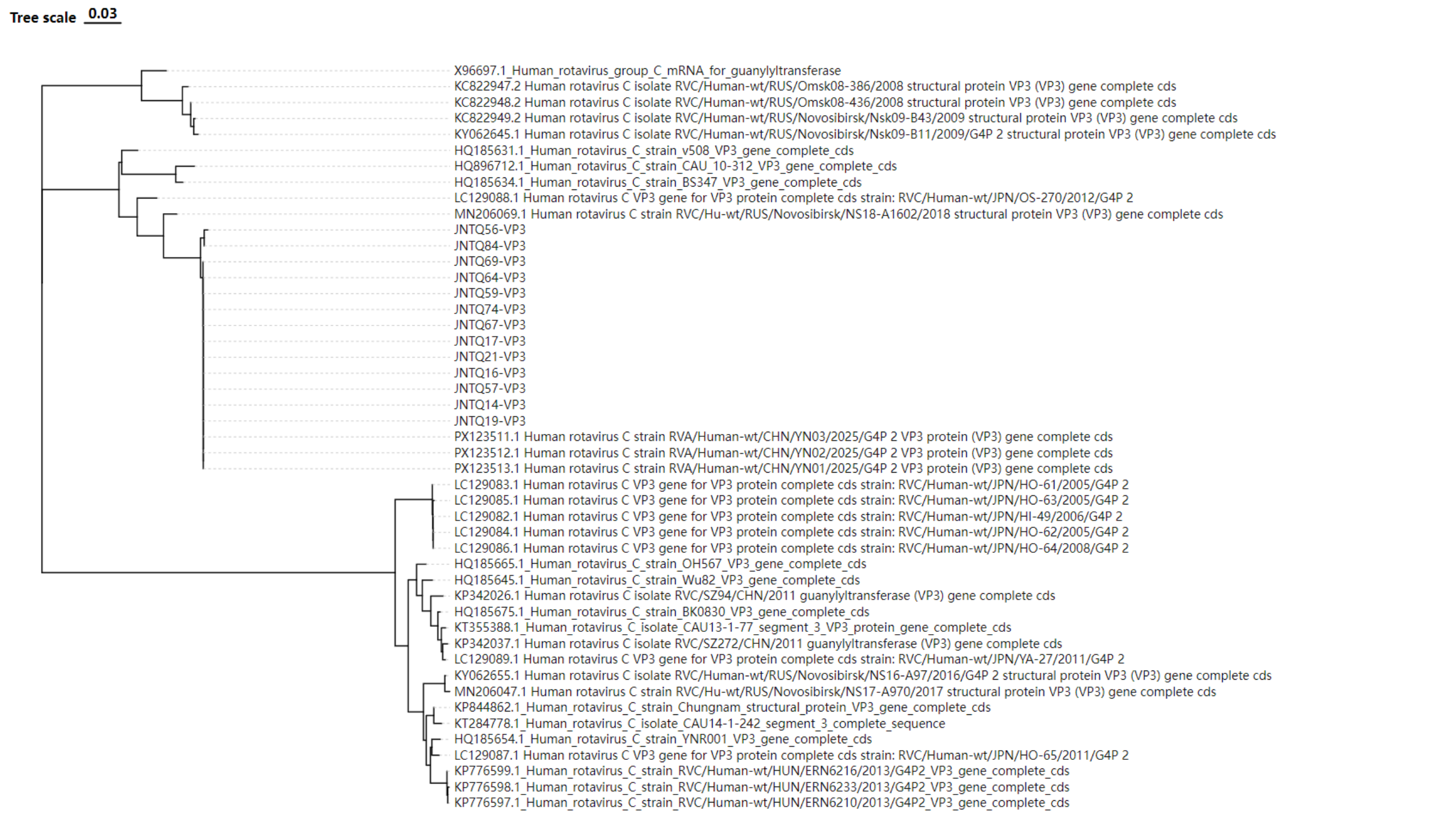
JNTQ14-VP2
JNTQ19-VP2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KC822949.2 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/Nsk09-B43/2009 structural protein VP3 (VP3) gene complete cds
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HQ896712.1_Human_rotavirus_C_strain_CAU_10-312_VP3_gene_complete_cds
HQ185634.1_Human_rotavirus_C_strain_BS347_VP3_gene_complete_cds
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JNTQ69-VP3
JNTQ64-VP3
JNTQ59-VP3
JNTQ74-VP3
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JNTQ16-VP3
JNTQ57-VP3
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JNTQ19-VP3
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PX123512.1 Human rotavirus C strain RVA/Human-wt/CHN/YN02/2025/G4P 2 VP3 protein (VP3) gene complete cds
PX123513.1 Human rotavirus C strain RVA/Human-wt/CHN/YN01/2025/G4P 2 VP3 protein (VP3) gene complete cds
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LC129085.1 Human rotavirus C VP3 gene for VP3 protein complete cds strain: RVC/Human-wt/JPN/HO-63/2005/G4P 2
LC129082.1 Human rotavirus C VP3 gene for VP3 protein complete cds strain: RVC/Human-wt/JPN/HI-49/2006/G4P 2
LC129084.1 Human rotavirus C VP3 gene for VP3 protein complete cds strain: RVC/Human-wt/JPN/HO-62/2005/G4P 2
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HQ185645.1_Human_rotavirus_C_strain_Wu82_VP3_gene_complete_cds
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HQ185675.1_Human_rotavirus_C_strain_BK0830_VP3_gene_complete_cds
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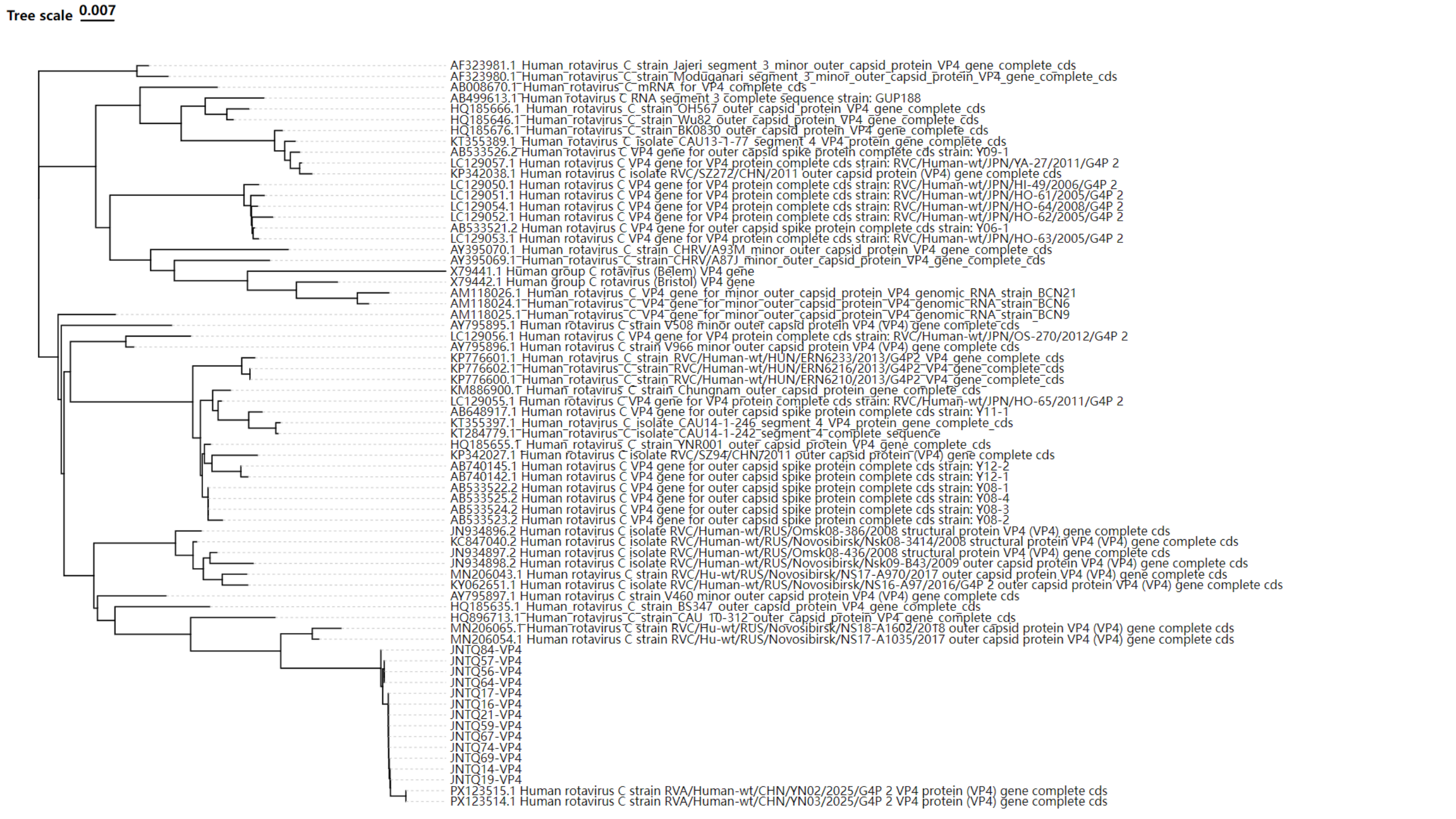
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AB499613.1 Human rotavirus C RNA segment 3 complete sequence strain: GUP188
HQ185666.1 Human rotavirus C strain OH567 outer capsid protein VP4 gene complete cds
HQ185646.1 Human rotavirus C strain Wu82 outer capsid protein VP4 gene complete cds
HQ185676.1 Human rotavirus C strain BK0830 outer capsid protein VP4 gene complete cds
KT355389.1 Human rotavirus C isolate CAU13-1-77 segment 4 VP4 protein gene complete cds
AB533526.2 Human rotavirus C VP4 gene for outer capsid spike protein complete cds strain: Y09-1
LC129057.1 Human rotavirus C VP4 gene for VP4 protein complete cds strain: RVC/Human-wt/JPN/YA-27/2011/G4P 2
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AB533521.2 Human rotavirus C VP4 gene for outer capsid spike protein complete cds strain: Y06-1
LC129053.1 Human rotavirus C VP4 gene for VP4 protein complete cds strain: RVC/Human-wt/JPN/HO-63/2005/G4P 2
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AM118024.1 Human rotavirus C VP4 gene for minor outer capsid protein VP4 genomic RNA strain BCN6
AM118025.1 Human rotavirus C VP4 gene for minor outer capsid protein VP4 genomic RNA strain BCN9
AY795895.1 Human rotavirus C strain V508 minor outer capsid protein VP4 (VP4) gene complete cds
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KP776602.1 Human rotavirus C strain RVC/Human-wt/HUN/ERN6216/2013/G4P2 VP4 gene complete cds
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KM886900.1 Human rotavirus C strain Chungnam outer capsid protein gene complete cds
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AB648917.1 Human rotavirus C VP4 gene for outer capsid spike protein complete cds strain: Y11-1
KT355397.1 Human rotavirus C isolate CAU14-1-246 segment 4 VP4 protein gene complete cds
KT284779.1 Human rotavirus C isolate CAU14-1-242 segment 4 complete sequence
HQ185655.1 Human rotavirus C strain YNR001 outer capsid protein VP4 gene complete cds
KP342027.1 Human rotavirus C isolate RVC/SZ94/CHN/2011 outer capsid protein (VP4) gene complete cds
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AB740142.1 Human rotavirus C VP4 gene for outer capsid spike protein complete cds strain: Y12-1
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AB533525.2 Human rotavirus C VP4 gene for outer capsid spike protein complete cds strain: Y08-4
AB533524.2 Human rotavirus C VP4 gene for outer capsid spike protein complete cds strain: Y08-3
AB533523.2 Human rotavirus C VP4 gene for outer capsid spike protein complete cds strain: Y08-2
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AY795897.1 Human rotavirus C strain V460 minor outer capsid protein VP4 (VP4) gene complete cds
HQ185635.1 Human rotavirus C strain BS347 outer capsid protein VP4 gene complete cds
HQ896713.1 Human rotavirus C strain CAU_10-312 outer capsid protein VP4 gene complete cds
MN206065.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS18-A1602/2018 outer capsid protein VP4 (VP4) gene complete cds
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JNTQ56-VP4
JNTQ64-VP4
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JNTQ16-VP4
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JNTQ67-VP4
JNTQ74-VP4
JNTQ69-VP4
JNTQ14-VP4
JNTQ19-VP4
PX123515.1 Human rotavirus C strain RVA/Human-wt/CHN/YN02/2025/G4P 2 VP4 protein (VP4) gene complete cds
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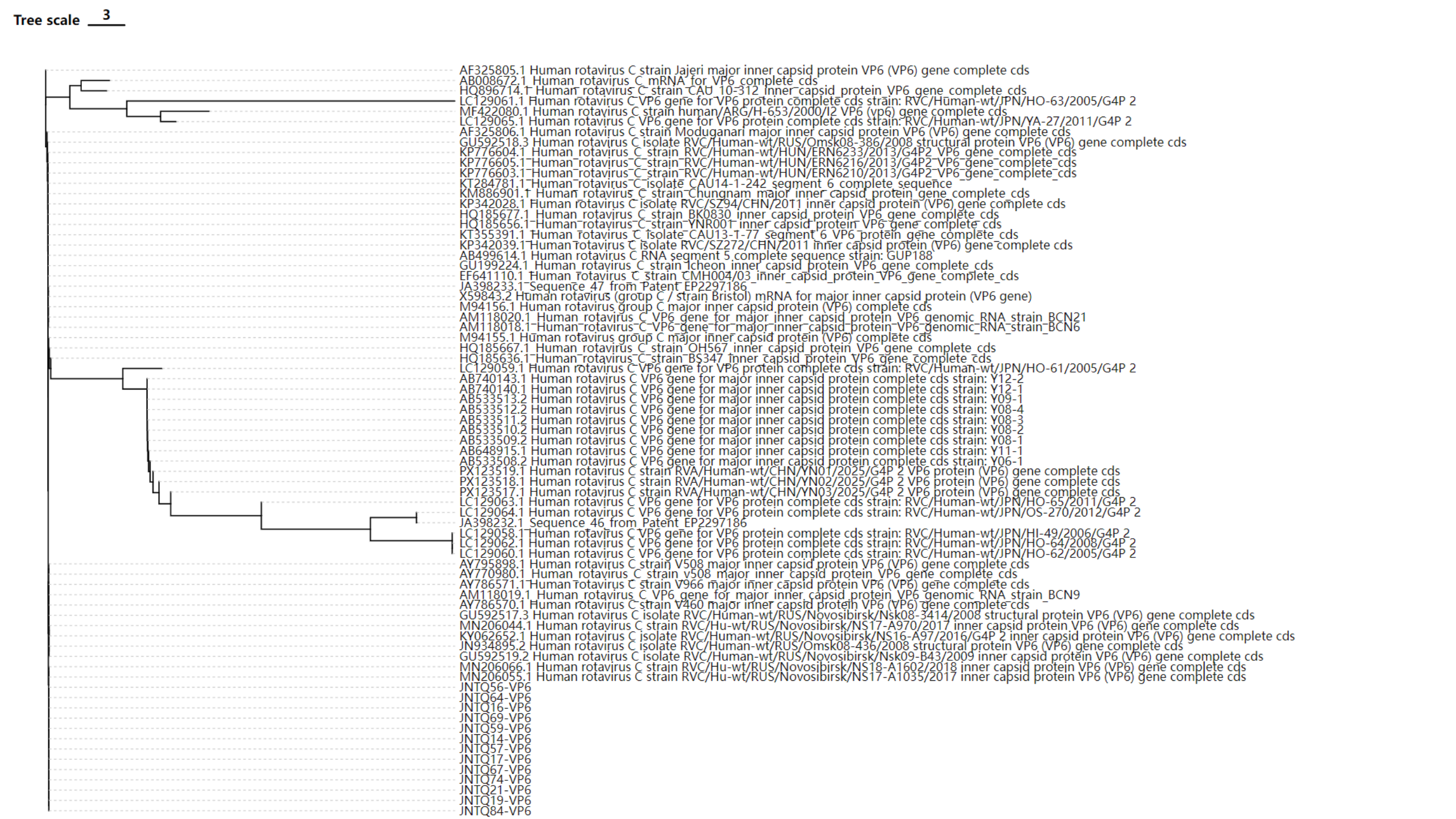
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AB008672.1 Human rotavirus C mRNA for VP6 complete cds
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GU592518.3 Human rotavirus C isolate RVC/Human-wt/RUS/Omsk08-386/2008 structural protein VP6 (VP6) gene complete cds
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KP776603.1 Human rotavirus C strain RVC/Human-wt/HUN/ERN6210/2013/G4P2 VP6 gene complete cds
KT284781.1 Human rotavirus C isolate CAU14-1-242 segment 6 complete sequence
KM886901.1 Human rotavirus C strain Chungnam major inner capsid protein gene complete cds
KP342028.1 Human rotavirus C isolate RVC/SZ94/CHN/2011 inner capsid protein (VP6) gene complete cds
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HQ185656.1 Human rotavirus C strain YNR001 inner capsid protein VP6 gene complete cds
KT355391.1 Human rotavirus C isolate CAU13-1-77 segment 6 VP6 protein gene complete cds
KP342039.1 Human rotavirus C isolate RVC/SZ272/CHN/2011 inner capsid protein (VP6) gene complete cds
AB499614.1 Human rotavirus C RNA segment 5 complete sequence strain: GUP188
GU199224.1 Human rotavirus C strain Icheon inner capsid protein VP6 gene complete cds
EF641110.1 Human rotavirus C strain CMH004/03 inner capsid protein VP6 gene complete cds
JA398233.1 Sequence 47 from Patent EP2297186
X59843.2 Human rotavirus (group C / strain Bristol) mRNA for major inner capsid protein (VP6 gene)
M94156.1 Human rotavirus group C major inner capsid protein (VP6) complete cds
AM118020.1 Human rotavirus C VP6 gene for major inner capsid protein VP6 genomic RNA strain BCN21
AM118018.1 Human rotavirus C VP6 gene for major inner capsid protein VP6 genomic RNA strain BCN6
M94155.1 Human rotavirus group C major inner capsid protein (VP6) complete cds
HQ185667.1 Human rotavirus C strain OH567 inner capsid protein VP6 gene complete cds
HQ185636.1 Human rotavirus C strain BS347 inner capsid protein VP6 gene complete cds
LC129059.1 Human rotavirus C VP6 gene for VP6 protein complete cds strain: RVC/Human-wt/JPN/HO-61/2005/G4P 2
AB740143.1 Human rotavirus C VP6 gene for major inner capsid protein complete cds strain: Y12-2
AB740140.1 Human rotavirus C VP6 gene for major inner capsid protein complete cds strain: Y12-1
AB533513.2 Human rotavirus C VP6 gene for major inner capsid protein complete cds strain: Y09-1
AB533512.2 Human rotavirus C VP6 gene for major inner capsid protein complete cds strain: Y08-4
AB533511.2 Human rotavirus C VP6 gene for major inner capsid protein complete cds strain: Y08-3
AB533510.2 Human rotavirus C VP6 gene for major inner capsid protein complete cds strain: Y08-2
AB533509.2 Human rotavirus C VP6 gene for major inner capsid protein complete cds strain: Y08-1
AB648915.1 Human rotavirus C VP6 gene for major inner capsid protein complete cds strain: Y11-1
AB533508.2 Human rotavirus C VP6 gene for major inner capsid protein complete cds strain: Y06-1
PX123519.1 Human rotavirus C strain RVA/Human-wt/CHN/YN01/2025/G4P 2 VP6 protein (VP6) gene complete cds
PX123518.1 Human rotavirus C strain RVA/Human-wt/CHN/YN02/2025/G4P 2 VP6 protein (VP6) gene complete cds
PX123517.1 Human rotavirus C strain RVA/Human-wt/CHN/YN03/2025/G4P 2 VP6 protein (VP6) gene complete cds
LC129063.1 Human rotavirus C VP6 gene for VP6 protein complete cds strain: RVC/Human-wt/JPN/HO-65/2011/G4P 2
LC129064.1 Human rotavirus C VP6 gene for VP6 protein complete cds strain: RVC/Human-wt/JPN/OS-270/2012/G4P 2
JA398232.1 Sequence 46 from Patent EP2297186
LC129058.1 Human rotavirus C VP6 gene for VP6 protein complete cds strain: RVC/Human-wt/JPN/HI-49/2006/G4P 2
LC129062.1 Human rotavirus C VP6 gene for VP6 protein complete cds strain: RVC/Human-wt/JPN/HO-64/2008/G4P 2
LC129060.1 Human rotavirus C VP6 gene for VP6 protein complete cds strain: RVC/Human-wt/JPN/HO-62/2005/G4P 2
AY795898.1 Human rotavirus C strain V508 major inner capsid protein VP6 (VP6) gene complete cds
AY770980.1 Human rotavirus C strain v508 major inner capsid protein VP6 gene complete cds
AY786571.1 Human rotavirus C strain V966 major inner capsid protein VP6 (VP6) gene complete cds
AM118019.1 Human rotavirus C VP6 gene for major inner capsid protein VP6 genomic RNA strain BCN9
AY786570.1 Human rotavirus C strain V460 major inner capsid protein VP6 (VP6) gene complete cds
GU592517.3 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/Nsk08-3414/2008 structural protein VP6 (VP6) gene complete cds
MN206044.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS17-A970/2017 inner capsid protein VP6 (VP6) gene complete cds
KY062652.1 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/NS16-A97/2016/G4P 2 inner capsid protein VP6 (VP6) gene complete cds
JN934895.2 Human rotavirus C isolate RVC/Human-wt/RUS/Omsk08-436/2008 structural protein VP6 (VP6) gene complete cds
GU592519.2 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/Nsk09-B43/2009 inner capsid protein VP6 (VP6) gene complete cds
MN206066.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS18-A1602/2018 inner capsid protein VP6 (VP6) gene complete cds
MN206055.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS17-A1035/2017 inner capsid protein VP6 (VP6) gene complete cds
JNTQ56-VP6
JNTQ64-VP6
JNTQ16-VP6
JNTQ69-VP6
JNTQ59-VP6
JNTQ14-VP6
JNTQ57-VP6
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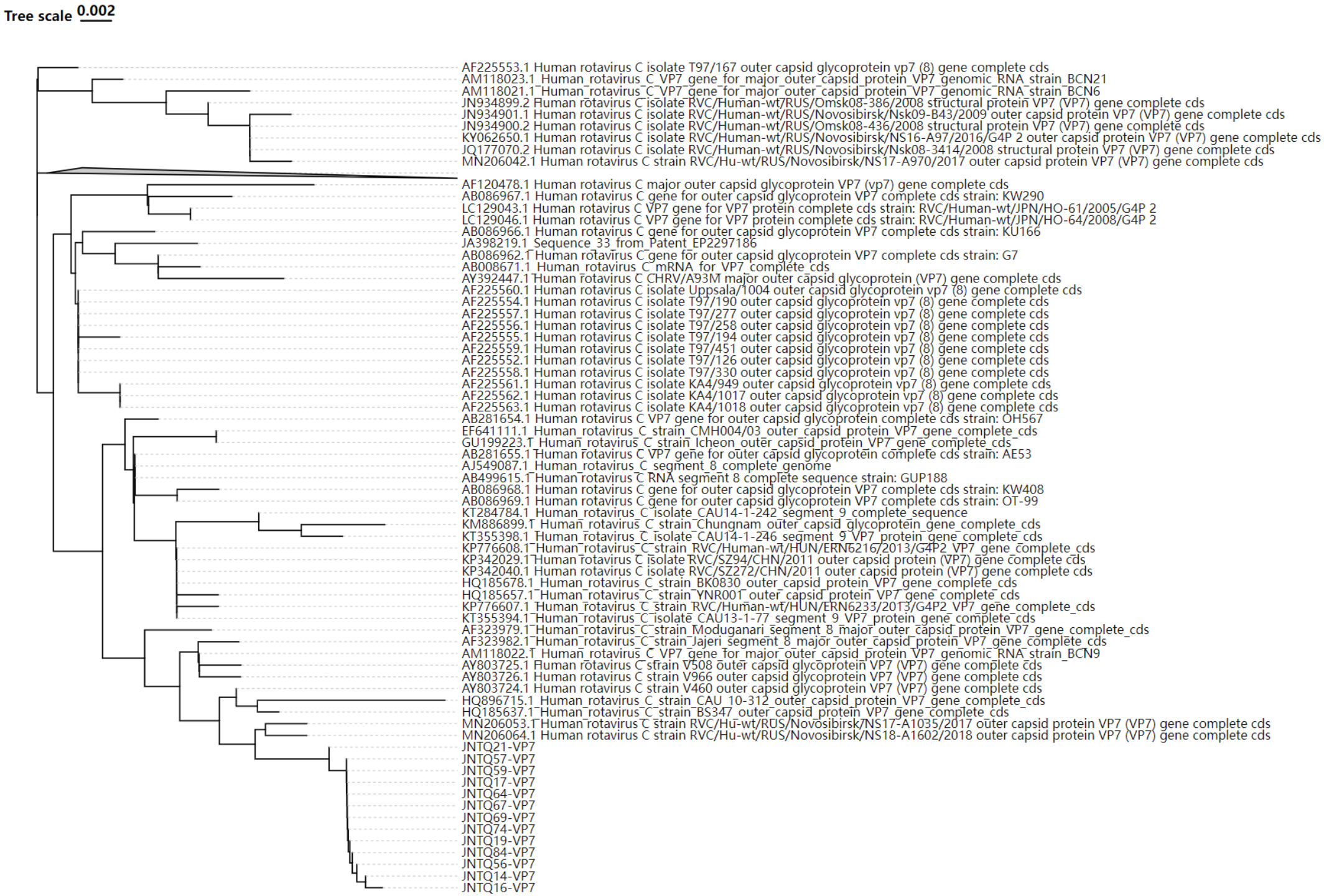
JNTQ74-VP6
JNTQ21-VP6
JNTQ19-VP6
JNTQ84-VP6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AF225553.1 Human rotavirus C isolate T97/167 outer capsid glycoprotein vp7 (8) gene complete cds
AM118023.1 Human rotavirus C VP7 gene for major outer capsid protein VP7 genomic RNA strain BCN21
AM118021.1 Human rotavirus C VP7 gene for major outer capsid protein VP7 genomic RNA strain BCN6
JN934899.2 Human rotavirus C isolate RVC/Human-wt/RUS/Omsk08-386/2008 structural protein VP7 (VP7) gene complete cds
JN934901.1 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/Nsk09-B43/2009 outer capsid protein VP7 (VP7) gene complete cds
JN934900.2 Human rotavirus C isolate RVC/Human-wt/RUS/Omsk08-436/2008 structural protein VP7 (VP7) gene complete cds
KY062650.1 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/NS16-A97/2016/G4P 2 outer capsid protein VP7 (VP7) gene complete cds
JQ177070.2 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/Nsk08-3414/2008 structural protein VP7 (VP7) gene complete cds
MN206042.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS17-A970/2017 outer capsid protein VP7 (VP7) gene complete cds
AF120478.1 Human rotavirus C major outer capsid glycoprotein VP7 (vp7) gene complete cds
AB086967.1 Human rotavirus C gene for outer capsid glycoprotein VP7 complete cds strain: KW290
LC129043.1 Human rotavirus C VP7 gene for VP7 protein complete cds strain: RVC/Human-wt/JPN/HO-61/2005/G4P 2
LC129046.1 Human rotavirus C VP7 gene for VP7 protein complete cds strain: RVC/Human-wt/JPN/HO-64/2008/G4P 2
AB086966.1 Human rotavirus C gene for outer capsid glycoprotein VP7 complete cds strain: KU166
JA398219.1 Sequence 33 from Patent EP2297186
AB086962.1 Human rotavirus C gene for outer capsid glycoprotein VP7 complete cds strain: G7
AB008671.1 Human rotavirus C mRNA for VP7 complete cds
AY392447.1 Human rotavirus C CHRV/A93M major outer capsid glycoprotein (VP7) gene complete cds
AF225560.1 Human rotavirus C isolate Uppsala/1004 outer capsid glycoprotein vp7 (8) gene complete cds
AF225554.1 Human rotavirus C isolate T97/190 outer capsid glycoprotein vp7 (8) gene complete cds
AF225557.1 Human rotavirus C isolate T97/277 outer capsid glycoprotein vp7 (8) gene complete cds
AF225556.1 Human rotavirus C isolate T97/258 outer capsid glycoprotein vp7 (8) gene complete cds
AF225555.1 Human rotavirus C isolate T97/194 outer capsid glycoprotein vp7 (8) gene complete cds
AF225559.1 Human rotavirus C isolate T97/451 outer capsid glycoprotein vp7 (8) gene complete cds
AF225552.1 Human rotavirus C isolate T97/126 outer capsid glycoprotein vp7 (8) gene complete cds
AF225558.1 Human rotavirus C isolate T97/330 outer capsid glycoprotein vp7 (8) gene complete cds
AF225561.1 Human rotavirus C isolate KA4/949 outer capsid glycoprotein vp7 (8) gene complete cds
AF225562.1 Human rotavirus C isolate KA4/1017 outer capsid glycoprotein vp7 (8) gene complete cds
AF225563.1 Human rotavirus C isolate KA4/1018 outer capsid glycoprotein vp7 (8) gene complete cds
AB281654.1 Human rotavirus C VP7 gene for outer capsid glycoprotein complete cds strain: OH567
EF641111.1 Human rotavirus C strain CMH004/03 outer capsid protein VP7 gene complete cds
GU199223.1 Human rotavirus C strain Icheon outer capsid protein VP7 gene complete cds
AB281655.1 Human rotavirus C VP7 gene for outer capsid glycoprotein complete cds strain: AE53
AJ549087.1 Human rotavirus C segment 8 complete genome
AB499615.1 Human rotavirus C RNA segment 8 complete sequence strain: GUP188
AB086968.1 Human rotavirus C gene for outer capsid glycoprotein VP7 complete cds strain: KW408
AB086969.1 Human rotavirus C gene for outer capsid glycoprotein VP7 complete cds strain: OT-99
KT284784.1 Human rotavirus C isolate CAU14-1-242 segment 9 complete sequence
KM886899.1 Human rotavirus C strain Chungnam outer capsid glycoprotein gene complete cds
KT355398.1 Human rotavirus C isolate CAU14-1-246 segment 9 VP7 protein gene complete cds
KP776608.1 Human rotavirus C strain RVC/Human-wt/HUN/ERN6216/2013/G4P2 VP7 gene complete cds
KP342029.1 Human rotavirus C isolate RVC/SZ94/CHN/2011 outer capsid protein (VP7) gene complete cds
KP342040.1 Human rotavirus C isolate RVC/SZ272/CHN/2011 outer capsid protein (VP7) gene complete cds
HQ185678.1 Human rotavirus C strain BK0830 outer capsid protein VP7 gene complete cds
HQ185657.1 Human rotavirus C strain YNR001 outer capsid protein VP7 gene complete cds
KP776607.1 Human rotavirus C strain RVC/Human-wt/HUN/ERN6233/2013/G4P2 VP7 gene complete cds
KT355394.1 Human rotavirus C isolate CAU13-1-77 segment 9 VP7 protein gene complete cds
AF323979.1 Human rotavirus C strain Moduganari segment 8 major outer capsid protein VP7 gene complete cds
AF323982.1 Human rotavirus C strain Jajeri segment 8 major outer capsid protein VP7 gene complete cds
AM118022.1 Human rotavirus C VP7 gene for major outer capsid protein VP7 genomic RNA strain BCN9
AY803725.1 Human rotavirus C strain V508 outer capsid glycoprotein VP7 (VP7) gene complete cds
AY803726.1 Human rotavirus C strain V966 outer capsid glycoprotein VP7 (VP7) gene complete cds
AY803724.1 Human rotavirus C strain V460 outer capsid glycoprotein VP7 (VP7) gene complete cds
HQ896715.1 Human rotavirus C strain CAU 10-312 outer capsid protein VP7 gene complete cds
HQ185637.1 Human rotavirus C strain BS347 outer capsid protein VP7 gene complete cds
MN206053.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS17-A1035/2017 outer capsid protein VP7 (VP7) gene complete cds
MN206064.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS18-A1602/2018 outer capsid protein VP7 (VP7) gene complete cds
JNTQ21-VP7
JNTQ57-VP7
JNTQ59-VP7
JNTQ17-VP7
JNTQ64-VP7
JNTQ67-VP7
JNTQ69-VP7
JNTQ74-VP7
JNTQ19-VP7
JNTQ84-VP7
JNTQ56-VP7
JNTQ14-VP7
JNTQ16-VP7


Tree scale 0.1
AJ132204.1 Human rotavirus (group C / strain Bristol) NSP1 gene for non-structural protein 1 genomic RNA
AY820181.1 Human rotavirus C strain V966 nonstructural protein 1 (NSP1) gene complete cds
LC129096.1 Human rotavirus C NSP1 gene for NSP1 protein complete cds strain: RVC/Human-wt/JPN/OS-270/2012/G4P 2
AY770977.1_Human_rotavirus_C_strain_v508_nonstructural_protein_NSP1_gene_complete_cds
JN969076.1 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/Nsk09-B43/2009 nonstructural protein NSP1 (NSP1) gene complete cds
KY062646.1 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/Nsk09-B11/2009/G4P 2 nonstructural protein NSP1 (NSP1) gene complete cds
JN969075.1 Human rotavirus C isolate RVC/Human-wt/RUS/Omsk08-436/2008 nonstructural protein NSP1 (NSP1) gene complete cds
MN206048.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS17-A970/2017 nonstructural protein NSP1 (NSP1) gene complete cds
KY062656.1 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/NS16-A97/2016/G4P 2 nonstructural protein NSP1 (NSP1) gene complete cds
KC713907.1 Human rotavirus C isolate Hu/RUS/Omsk08-386/2008 nonstructural protein NSP1 (NSP1) gene complete cds
AY820180.1 Human rotavirus C strain V460 nonstructural protein 1 (NSP1) gene complete cds
HQ185638.1_Human_rotavirus_C_strain_BS347_nonstructural_protein_NSP1_gene_complete_cds
HQ896716.1_Human_rotavirus_C_strain_CAU_10-312_nonstructural_protein_NSP1_gene_complete_cds
MN206070.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS18-A1602/2018 nonstructural protein NSP1 (NSP1) gene complete cds
MN206059.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS17-A1035/2017 nonstructural protein NSP1 (NSP1) gene complete cds
JNTQ17-NSP1
JNTQ56-NSP1
JNTQ14-NSP1
JNTQ16-NSP1
JNTQ21-NSP1
JNTQ84-NSP1
JNTQ19-NSP1
PX123520.1 Human rotavirus C strain RVA/Human-wt/CHN/YN03/2025/G4P 2 NSP1 protein (NSP1) gene complete cds
PX123521.1 Human rotavirus C strain RVA/Human-wt/CHN/YN02/2025/G4P 2 NSP1 protein (NSP1) gene complete cds
HQ185647.1_Human_rotavirus_C_strain_Wu82_nonstructural_protein_NSP1_gene_complete_cds
HQ185668.1_Human_rotavirus_C_strain_OH567_nonstructural_protein_NSP1_gene_complete_cds
HQ185658.1_Human_rotavirus_C_strain_YNR001_nonstructural_protein_NSP1_gene_complete_cds
LC129095.1 Human rotavirus C NSP1 gene for NSP1 protein complete cds strain: RVC/Human-wt/JPN/HO-65/2011/G4P 2
KT284780.1_Human_rotavirus_C_isolate_CAU14-1-242_segment_5_complete_sequence
KP844855.1_Human_rotavirus_C_strain_Chungnam_nonstructural_protein_NSP1_gene_complete_cds
KP342030.1 Human rotavirus C isolate RVC/SZ94/CHN/2011 nonstructural protein (NSP1) gene complete cds
KP776577.1_Human_rotavirus_C_strain_RVC/Human-wt/HUN/ERN6233/2013/G4P2_NSP1_gene_complete_cds
KP776576.1_Human_rotavirus_C_strain_RVC/Human-wt/HUN/ERN6210/2013/G4P2_NSP1_gene_complete_cds
KP776578.1_Human_rotavirus_C_strain_RVC/Human-wt/HUN/ERN6216/2013/G4P2_NSP1_gene_complete_cds
LC129097.1 Human rotavirus C NSP1 gene for NSP1 protein complete cds strain: RVC/Human-wt/JPN/YA-27/2011/G4P 2
KT355390.1_Human_rotavirus_C_isolate_CAU13-1-77_segment_5_NSP1_protein_gene_complete_cds
KP342041.1 Human rotavirus C isolate RVC/SZ272/CHN/2011 nonstructural protein (NSP1) gene complete cds
HQ185679.1_Human_rotavirus_C_strain_BK0830_nonstructural_protein_NSP1_gene_complete_cds
LC129091.1 Human rotavirus C NSP1 gene for NSP1 protein complete cds strain: RVC/Human-wt/JPN/HO-61/2005/G4P 2
LC129093.1 Human rotavirus C NSP1 gene for NSP1 protein complete cds strain: RVC/Human-wt/JPN/HO-63/2005/G4P 2
LC129090.1 Human rotavirus C NSP1 gene for NSP1 protein complete cds strain: RVC/Human-wt/JPN/HI-49/2006/G4P 2
LC129092.1 Human rotavirus C NSP1 gene for NSP1 protein complete cds strain: RVC/Human-wt/JPN/HO-62/2005/G4P 2
LC129094.1 Human rotavirus C NSP1 gene for NSP1 protein complete cds strain: RVC/Human-wt/JPN/HO-64/2008/G4P 2
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JNTQ74-NSP1
JNTQ57-NSP1
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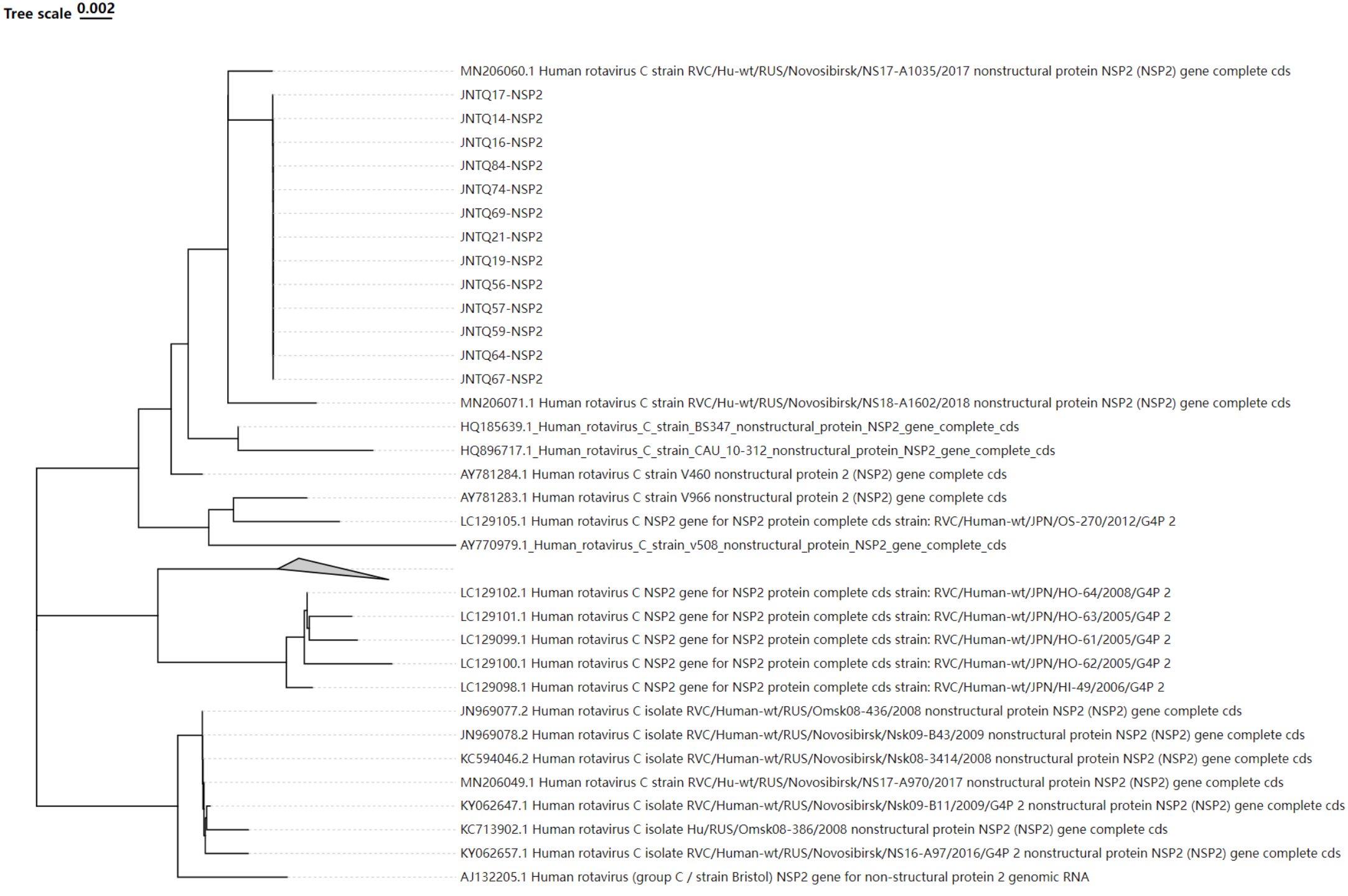
JNTQ64-NSP1
JNTQ59-NSP1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MN206060.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS17-A1035/2017 nonstructural protein NSP2 (NSP2) gene complete cds
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JNTQ16-NSP2
JNTQ84-NSP2
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JNTQ19-NSP2
JNTQ56-NSP2
JNTQ57-NSP2
JNTQ59-NSP2
JNTQ64-NSP2
JNTQ67-NSP2
MN206071.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS18-A1602/2018 nonstructural protein NSP2 (NSP2) gene complete cds
HQ185639.1_Human_rotavirus_C_strain_BS347_nonstructural_protein_NSP2_gene_complete_cds
HQ896717.1_Human_rotavirus_C_strain_CAU_10-312_nonstructural_protein_NSP2_gene_complete_cds
AY781284.1 Human rotavirus C strain V460 nonstructural protein 2 (NSP2) gene complete cds
AY781283.1 Human rotavirus C strain V966 nonstructural protein 2 (NSP2) gene complete cds
LC129105.1 Human rotavirus C NSP2 gene for NSP2 protein complete cds strain: RVC/Human-wt/JPN/OS-270/2012/G4P 2
AY770979.1_Human_rotavirus_C_strain_v508_nonstructural_protein_NSP2_gene_complete_cds
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LC129101.1 Human rotavirus C NSP2 gene for NSP2 protein complete cds strain: RVC/Human-wt/JPN/HO-63/2005/G4P 2
LC129099.1 Human rotavirus C NSP2 gene for NSP2 protein complete cds strain: RVC/Human-wt/JPN/HO-61/2005/G4P 2
LC129100.1 Human rotavirus C NSP2 gene for NSP2 protein complete cds strain: RVC/Human-wt/JPN/HO-62/2005/G4P 2
LC129098.1 Human rotavirus C NSP2 gene for NSP2 protein complete cds strain: RVC/Human-wt/JPN/HI-49/2006/G4P 2
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JN969078.2 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/Nsk09-B43/2009 nonstructural protein NSP2 (NSP2) gene complete cds
KC594046.2 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/Nsk08-3414/2008 nonstructural protein NSP2 (NSP2) gene complete cds
MN206049.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS17-A970/2017 nonstructural protein NSP2 (NSP2) gene complete cds
KY062647.1 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/Nsk09-B11/2009/G4P 2 nonstructural protein NSP2 (NSP2) gene complete cds
KC713902.1 Human rotavirus C isolate Hu/RUS/Omsk08-386/2008 nonstructural protein NSP2 (NSP2) gene complete cds
KY062657.1 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/NS16-A97/2016/G4P 2 nonstructural protein NSP2 (NSP2) gene complete cds
AJ132205.1 Human rotavirus (group C / strain Bristol) NSP2 gene for non-structural protein 2 genomic RNA


Tree scale 0.003
AJ132203.1 Human rotavirus (group C / strain Bristol) NSP3 gene for non-structural protein 3 genomic RNA
LC129107.1 Human rotavirus C NSP3 gene for NSP3 protein complete cds strain: RVC/Human-wt/JPN/HO-61/2005/G4P 2
LC129109.1 Human rotavirus C NSP3 gene for NSP3 protein complete cds strain: RVC/Human-wt/JPN/HO-63/2005/G4P 2
LC129106.1 Human rotavirus C NSP3 gene for NSP3 protein complete cds strain: RVC/Human-wt/JPN/HI-49/2006/G4P 2
LC129108.1 Human rotavirus C NSP3 gene for NSP3 protein complete cds strain: RVC/Human-wt/JPN/HO-62/2005/G4P 2
LC129110.1 Human rotavirus C NSP3 gene for NSP3 protein complete cds strain: RVC/Human-wt/JPN/HO-64/2008/G4P 2
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JQ177073.2 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/Nsk09-B43/2009 nonstructural protein NSP3 (NSP3) gene complete cds
KY062648.1 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/Nsk09-B11/2009/G4P 2 nonstructural protein NSP3 (NSP3) gene complete cds
JQ177072.2 Human rotavirus C isolate RVC/Human-wt/RUS/Omsk08-436/2008 nonstructural protein NSP3 (NSP3) gene complete cds
KC713908.2 Human rotavirus C isolate RVC/Human-wt/RUS/Omsk08-386/2008 nonstructural protein NSP3 (NSP3) gene complete cds
KP844857.1_Human_rotavirus_C_strain_Chungnam_nonstructural_protein_NSP3_gene_complete_cds
KP342043.1 Human rotavirus C isolate RVC/SZ272/CHN/2011 nonstructural protein (NSP3) gene complete cds
KT355392.1_Human_rotavirus_C_isolate_CAU13-1-77_segment_7_NSP3_protein_gene_complete_cds
HQ185681.1_Human_rotavirus_C_strain_BK0830_nonstructural_protein_NSP3_gene_complete_cds
HQ185660.1_Human_rotavirus_C_strain_YNR001_nonstructural_protein_NSP3_gene_complete_cds
LC129111.1 Human rotavirus C NSP3 gene for NSP3 protein complete cds strain: RVC/Human-wt/JPN/HO-65/2011/G4P 2
LC129112.1 Human rotavirus C NSP3 gene for NSP3 protein complete cds strain: RVC/Human-wt/JPN/YA-27/2011/G4P 2
KP776583.1_Human_rotavirus_C_strain_RVC/Human-wt/HUN/ERN6233/2013/G4P2_NSP3_gene_complete_cds
KP776582.1_Human_rotavirus_C_strain_RVC/Human-wt/HUN/ERN6210/2013/G4P2_NSP3_gene_complete_cds
KP776584.1_Human_rotavirus_C_strain_RVC/Human-wt/HUN/ERN6216/2013/G4P2_NSP3_gene_complete_cds
KP342032.1 Human rotavirus C isolate RVC/SZ94/CHN/2011 nonstructural protein (NSP3) gene complete cds
KT284782.1_Human_rotavirus_C_isolate_CAU14-1-242_segment_7_complete_sequence
KY062658.1 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/NS16-A97/2016/G4P 2 nonstructural protein NSP3 (NSP3) gene complete cds
HQ185649.1_Human_rotavirus_C_strain_Wu82_nonstructural_protein_NSP3_gene_complete_cds
HQ185670.1_Human_rotavirus_C_strain_OH567_nonstructural_protein_NSP3_gene_complete_cds
AY941782.1 Human rotavirus C strain V966 nonstructural protein 3 (NSP3) gene complete cds
LC129113.1 Human rotavirus C NSP3 gene for NSP3 protein complete cds strain: RVC/Human-wt/JPN/OS-270/2012/G4P 2
AY941780.1 Human rotavirus C strain V460 nonstructural protein 3 (NSP3) gene complete cds
HQ185640.1_Human_rotavirus_C_strain_BS347_nonstructural_protein_NSP3_gene_complete_cds
HQ896718.1_Human_rotavirus_C_strain_CAU_10-312_nonstructural_protein_NSP3_gene_complete_cds
PX123528.1 Human rotavirus C strain RVA/Human-wt/CHN/YN01/2025/G4P 2 NSP3 protein (NSP3) gene complete cds
PX123527.1 Human rotavirus C strain RVA/Human-wt/CHN/YN02/2025/G4P 2 NSP3 protein (NSP3) gene complete cds
PX123526.1 Human rotavirus C strain RVA/Human-wt/CHN/YN03/2025/G4P 2 NSP3 protein (NSP3) gene complete cds
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JNTQ74-NSP3
JNTQ67-NSP3
JNTQ64-NSP3
JNTQ59-NSP3
JNTQ19-NSP3
JNTQ21-NSP3
JNTQ16-NSP3
JNTQ17-NSP3
JNTQ14-NSP3
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JNTQ84-NSP3
JNTQ57-NSP3
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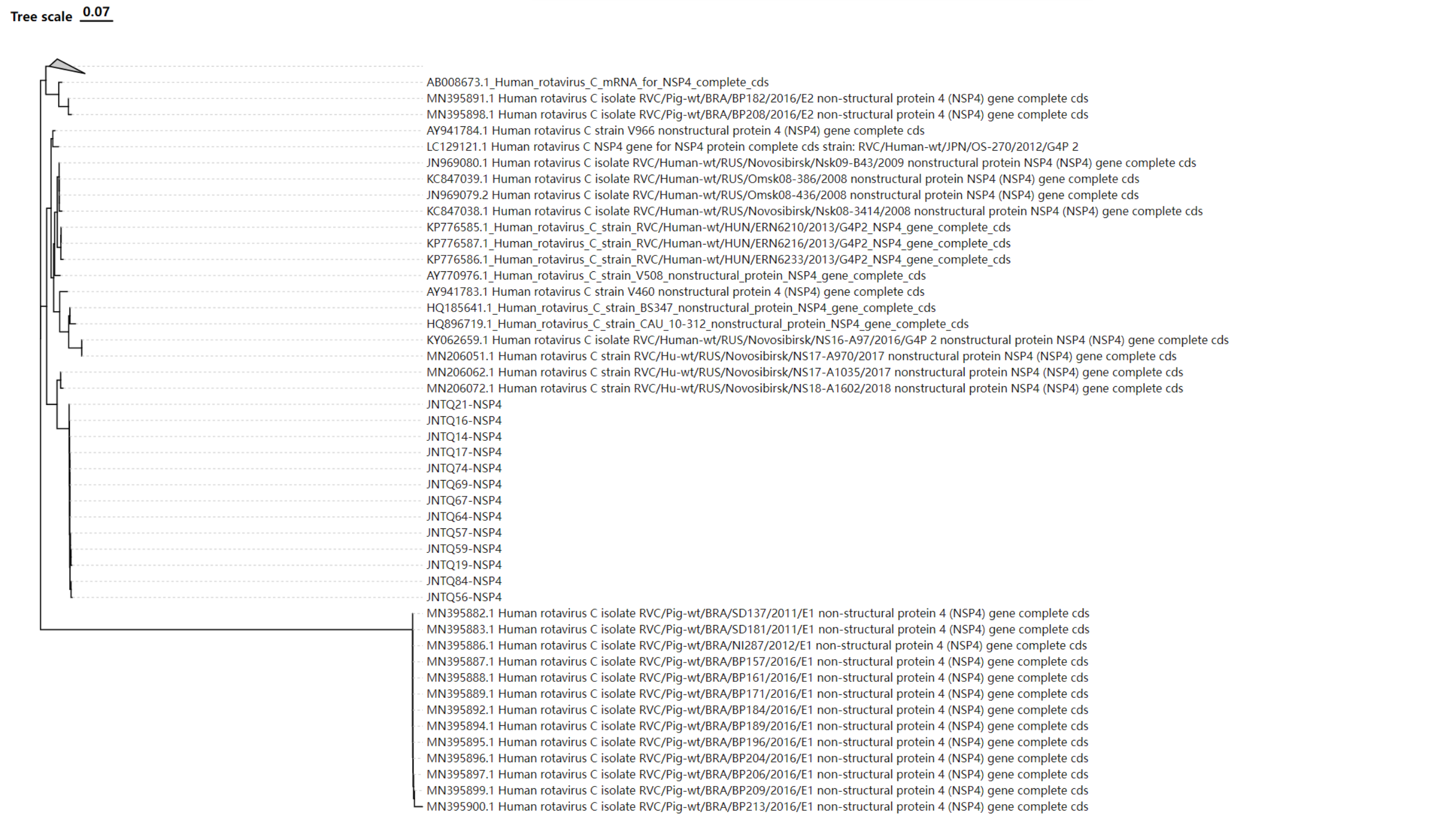
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MN395898.1 Human rotavirus C isolate RVC/Pig-wt/BRA/BP208/2016/E2 non-structural protein 4 (NSP4) gene complete cds
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KC847039.1 Human rotavirus C isolate RVC/Human-wt/RUS/Omsk08-386/2008 nonstructural protein NSP4 (NSP4) gene complete cds
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AY770976.1_Human_rotavirus_C_strain_V508_nonstructural_protein_NSP4_gene_complete_cds
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MN206062.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS17-A1035/2017 nonstructural protein NSP4 (NSP4) gene complete cds
MN206072.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS18-A1602/2018 nonstructural protein NSP4 (NSP4) gene complete cds
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JNTQ69-NSP4
JNTQ67-NSP4
JNTQ64-NSP4
JNTQ57-NSP4
JNTQ59-NSP4
JNTQ19-NSP4
JNTQ84-NSP4
JNTQ56-NSP4
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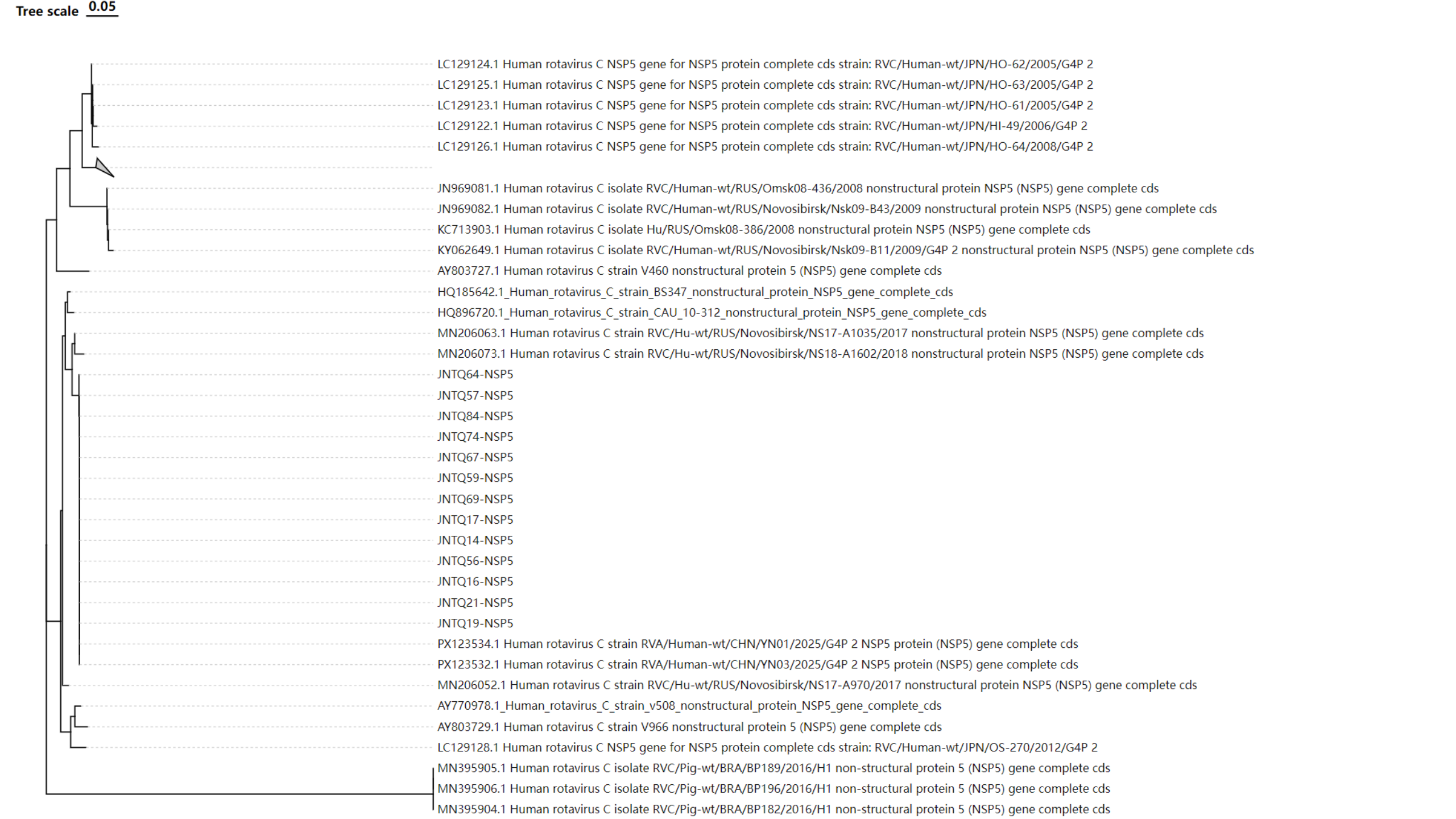
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LC129123.1 Human rotavirus C NSP5 gene for NSP5 protein complete cds strain: RVC/Human-wt/JPN/HO-61/2005/G4P 2
LC129122.1 Human rotavirus C NSP5 gene for NSP5 protein complete cds strain: RVC/Human-wt/JPN/HI-49/2006/G4P 2
LC129126.1 Human rotavirus C NSP5 gene for NSP5 protein complete cds strain: RVC/Human-wt/JPN/HO-64/2008/G4P 2
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KC713903.1 Human rotavirus C isolate Hu/RUS/Omsk08-386/2008 nonstructural protein NSP5 (NSP5) gene complete cds
KY062649.1 Human rotavirus C isolate RVC/Human-wt/RUS/Novosibirsk/Nsk09-B11/2009/G4P 2 nonstructural protein NSP5 (NSP5) gene complete cds
AY803727.1 Human rotavirus C strain V460 nonstructural protein 5 (NSP5) gene complete cds
HQ185642.1_Human_rotavirus_C_strain_BS347_nonstructural_protein_NSP5_gene_complete_cds
HQ896720.1_Human_rotavirus_C_strain_CAU_10-312_nonstructural_protein_NSP5_gene_complete_cds
MN206063.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS17-A1035/2017 nonstructural protein NSP5 (NSP5) gene complete cds
MN206073.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS18-A1602/2018 nonstructural protein NSP5 (NSP5) gene complete cds
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JNTQ57-NSP5
JNTQ84-NSP5
JNTQ74-NSP5
JNTQ67-NSP5
JNTQ59-NSP5
JNTQ69-NSP5
JNTQ17-NSP5
JNTQ14-NSP5
JNTQ56-NSP5
JNTQ16-NSP5
JNTQ21-NSP5
JNTQ19-NSP5
PX123534.1 Human rotavirus C strain RVA/Human-wt/CHN/YN01/2025/G4P 2 NSP5 protein (NSP5) gene complete cds
PX123532.1 Human rotavirus C strain RVA/Human-wt/CHN/YN03/2025/G4P 2 NSP5 protein (NSP5) gene complete cds
MN206052.1 Human rotavirus C strain RVC/Hu-wt/RUS/Novosibirsk/NS17-A970/2017 nonstructural protein NSP5 (NSP5) gene complete cds
AY770978.1_Human_rotavirus_C_strain_v508_nonstructural_protein_NSP5_gene_complete_cds
AY803729.1 Human rotavirus C strain V966 nonstructural protein 5 (NSP5) gene complete cds
LC129128.1 Human rotavirus C NSP5 gene for NSP5 protein complete cds strain: RVC/Human-wt/JPN/OS-270/2012/G4P 2
MN395905.1 Human rotavirus C isolate RVC/Pig-wt/BRA/BP189/2016/H1 non-structural protein 5 (NSP5) gene complete cds
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MN395904.1 Human rotavirus C isolate RVC/Pig-wt/BRA/BP182/2016/H1 non-structural protein 5 (NSP5) gene complete cds

Supplementary Figure S1. Phylogenetic tree constructed based on the nucleotide sequences of 11 RVC gene segments. The trees for VP7, NSP2, NSP4, and NSP5 were collapsed to hide the numerous and distantly related sequences relative to JNTQ, and are represented as triangles.