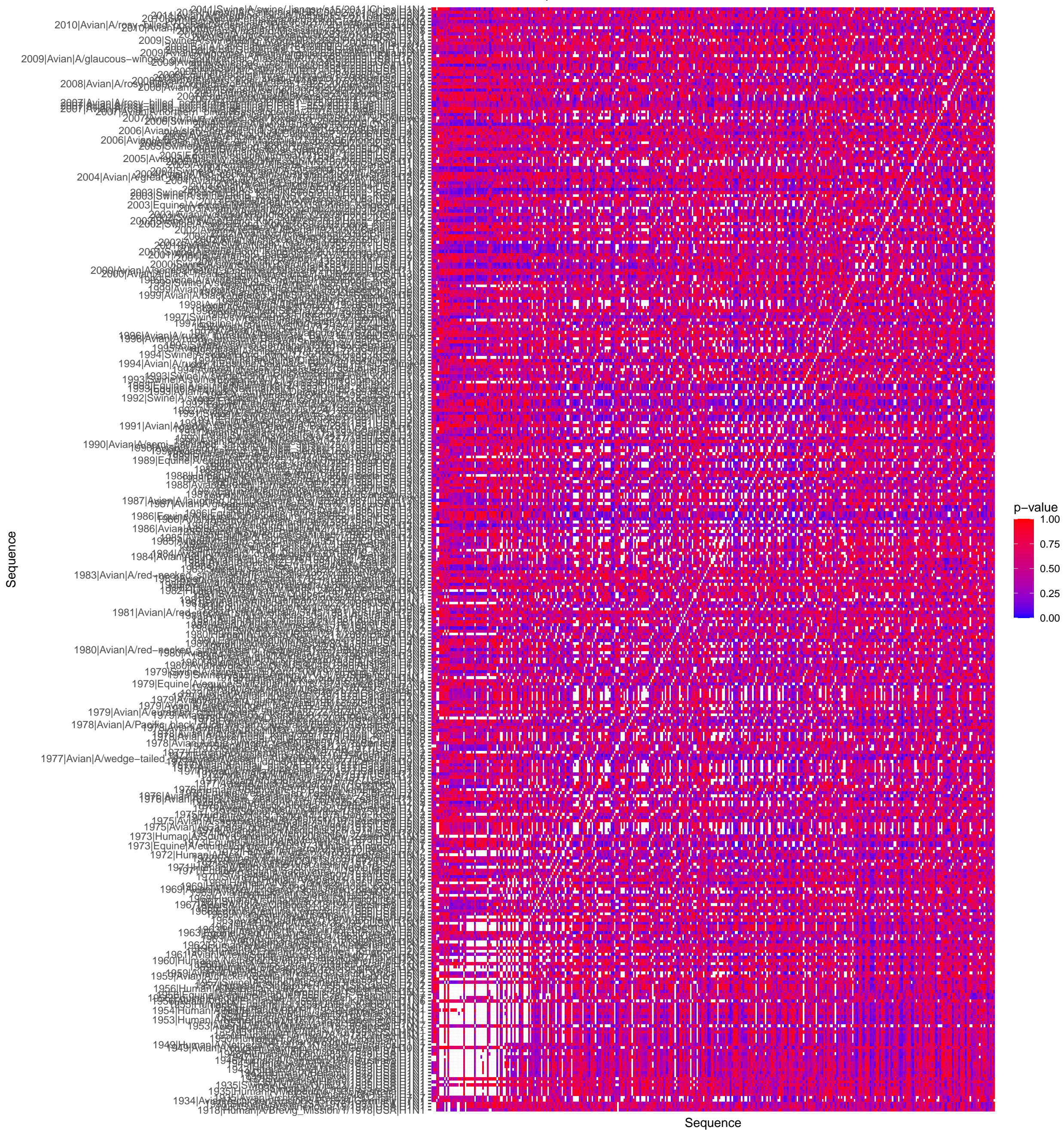QS Test, omitted pairs: 11.53 %

H0 rejected (freq) on each edge, QS Test, Midpoint root

QS Test, Compressed Tree, Midpoint root

Node 363

Node 434

1948|Human|A/Hemsbury/1948|USA|H1N1

1943|Human|A/AA/Marton/1943|USA|H1N1

Node 446

Node 509

1994|Avian|A/duck/Victoria/D23/1994|Australia|H4N2

1992|Avian|A/duck/Victoria/1992|Australia|H3N8

1980|Avian|A/black_duck/AUS/4045/1980|Australia|H6N5

1979|Avian|A/eurasian_coot/Western_Australia/2727/1979|Australia

1978|Avian|A/Pacific_black_duck/Western_Australia/699/1978|Austra

1977|Avian|A/wedge−tailed_shearwater/Western_Australia/405/1977

Node 521

Node 596

1983|Avian|A/duck/Australia/341/1983|Australia|H15N8

1981|Avian|A/duck/Victoria/30a/1981|Australia|H12N7

Node 614

2009|Avian|A/glaucous−winged_gull/Southcentral_Alaska/9JR0783R

2008|Avian|A/herring_gull/Mongolia/454/2008|Mongolia|H13N8

Node 626

2008|Equine|A/equine/Inner_Mongolia/8/2008|China|
2007|Equine|A/donkey/Xinjiang/5/2007|China|H3N8
2003|Equine|A/Newmarket/5/2003|United_Kingdo
2007|Equine|A/equine/Montana/9233/2007|USA|H3N8
2005|Equine|A/equine/Virginia/131054−3/2005|USA|H3
2003|Equine|A/equine/Wisconsin/1/03|USA|H3N8
1997|Equine|A/equine/California/4537/1997|USA|H3N8
1993|Equine|A/equine/Newmarket/1/1993|United_Kingdom
1992|Equine|A/equine/Kentucky/1/1992|USA|H3N8
1991|Equine|A/equine/Kentucky/1/1991|USA|H3N8
1990|Equine|A/equine/Kentucky/1277/1990|USA|H3N8
1993|Equine|A/equine/Newmarket/2/1993|United_Kingdom|
1992|Equine|A/equine/Austria/421/1992|Austria|H3N8
1994|Equine|A/equine/Qinghai/1/1994|China|H3N8
1991|Equine|A/equine/Rome/5/1991|Italy|H3N8
1989|Equine|A/equine/Rook/93753/1989|United_Kingdom|H3N
1988|Equine|A/equine/Kentucky/694/1988|USA|H3N8
1986|Equine|A/equine/Johannesburg/1/1986|South_Africa|H3N8
1987|Equine|A/equine/Kentucky/1/1987|USA|H3N8
1986|Equine|A/equine/Tennessee/5/1986|USA|H3N8
1985|Equine|A/equine/Santiago/1/1985|Chile|H3N8
1981|Equine|A/equine/Kentucky/1/1981|USA|H3N8
1980|Equine|A/equine/Kentucky/4/1980|USA|H3N8
1979|Equine|A/equine/Switzerland/1118/1979|Switzerland|H3N8
1978|Equine|A/equine/Kentucky/1/1978|USA|H3N8
1977|Equine|A/equine/Argentina/1/1977|Argentina|H7N7
1976|Equine|A/equine/Sao_Paulo/4/1976|Brazil|H7N7
1975|Equine|A/equine/Kentucky/1a/1975|USA|H7N7

Node 668

2008|Swine|A/swine/Texas/0086
2007|Swine|A/swine/IL/07003243
2004|Swine|A/swine/Korea/CAS05/200
2001|Swine|A/swine/Minnesota/1192/2
2000|Swine|A/Swine/Minnesota/55551/
1999|Swine|A/Swine/Iowa/533/99_|USA
2006|Swine|A/swine/Guangxi/13/200
2005|Swine|A/swine/Guangxi/17/200
2009|Swine|A/swine/Illinois/02510
2008|Swine|A/swine/Illinois/01981/
2010|Swine|A/swine/Pennsylva
2001|Swine|A/swine/North_Carolina/
2000|Swine|A/swine/North_Carolina/478
2003|Swine|A/swine/Illinois/SG1141/2
2002|Swine|A/swine/North_Carolina/18
1990|Swine|A/swine/Iowa/3421/1990|USA|H1N1
2003|Swine|A/swine/Hong_Kong/NS
2002|Swine|A/swine/Hong_Kong/NS
2004|Swine|A/swine/Zhejiang/1/20
2001|Swine|A/swine/Hong_Kong/894
1999|Swine|A/swine/Hong_Kong/5609/
1994|Swine|A/swine/Hong_Kong/1795/1994
1993|Swine|A/swine/Hong_Kong/103/1993|H
1991|Swine|A/swine/Maryland/23239/1991|U
1988|Swine|A/swine/Iowa/17672/1988|USA|H1N1
1986|Swine|A/swine/Iowa/1/1986|USA|H1N1
1983|Swine|A/swine/Skane/1321/1983|Sweden|H1N1
1981|Swine|A/swine/Quebec/192/81|Canada|H1N1
1980|Swine|A/swine/Wisconsin/11/1980|USA|H1N1
1979|Swine|A/swine/Hong_Kong/100/1979|Hong_Kong|H1N1
1976|Swine|A/swine/Iowa/1/1976|USA|H1N1
1981|Swine|A/swine/Hokkaido/2/1981|Japan|H1N1
1980|Swine|A/swine/Ehime/1/1980|Japan|H1N2
1977|Swine|A/swine/Kyoto/3/1979|Japan|H1N1
1977|Swine|A/swine/Arizona/148/1977|USA|H1N1
1977|Swine|A/swine/Nebraska/123/1977|USA|H1N1
1971|Swine|A/swine/Wisconsin/1/1971|USA|H1N1
1975|Swine|A/swine/Illinois/1/1975|USA|H1N1
1970|Swine|A/swine/Wisconsin/2/1970|USA|H1N1
1967|Swine|A/swine/Wisconsin/1/1967|USA|H1N1
1966|Swine|A/swine/Wisconsin/2/1966|USA|H1N1
1961|Swine|A/swine/Wisconsin/1/1961|USA|H1N1