AB0189-Ca_BFcol

AB0087-Cb_BFcol

AA0100-Cb_GHcol

AB0192-Ca_BFcol

AB0276-Cb BFcol

-AB0088-Ca_BFcol

AB0184-Ca_BFcol

-AB0112-Cb_BFcol

-AA0040-Cb_GHcol

AB0223-Cb_BFcol

AB0124-Cb_BFcol

-AB0226-Ca_BFcol

-AB0123-Ca_BFcol

-AB0122-Ca_BFcol

AB0138-Ca_BFcol

AA0067-Ca_GHcol

89

87

99

99

99

100

100

98

64

26

69

81

90

AA0040-Ca_GHcol

A) duplication

-AB0237-Ca_BFcol

100

100

34

-AA0053-Ca_GHcol

-AA0044-Cb_GHcol

100

-AA0090-Ca_GHcol

-AA0110-Cb_GHcol

-AA0056-Cb_GHcol

-AA0041-Ca_GHcol



91

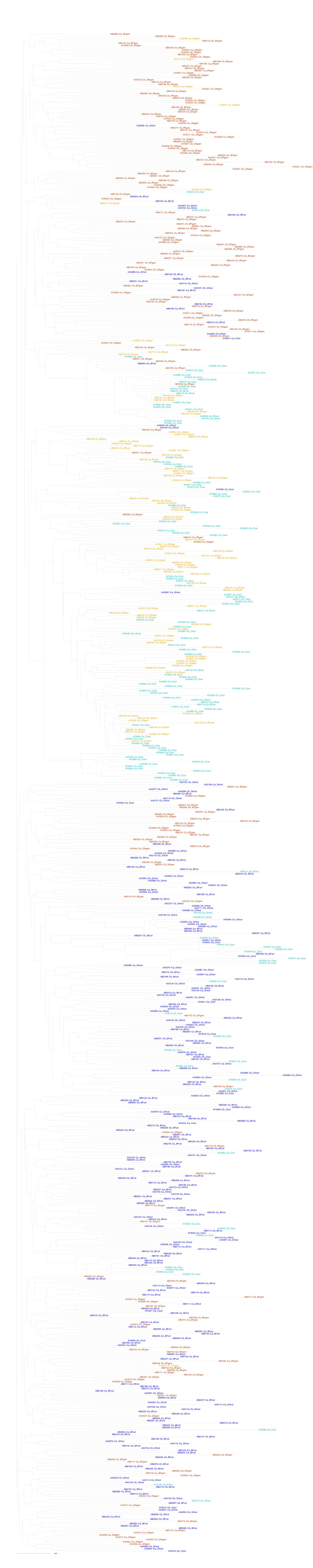
-AA0040-Ca_GHcol

0.1

AA0040-Cb_GHcol

A3) duplication, HS thr13

A3b) duplication bionj, HS thr13



AA0049-Cb_GHcol

AB0139-Ca_BFcol

AA0042-Ca_GHcol

-AB0266-Cb_BFcol

-AB0122-Cb_BFcol

-AA0040-Cb_GHcol

-AY0042-Cb Clcol

AB0142-Ca_BFcol

-AB0100-Ca_BFcol ------AA0134-Ca_GHcol

AA0125-Cb_GHcol

AA0115-Cb_GHcol

-AY0024-Cb_Clcol

98

95

96

98

100

100

100

97

56

-AA0040-Ca_GHcol

0.1

B) upstream

AA0140-Cb_GHcol

92

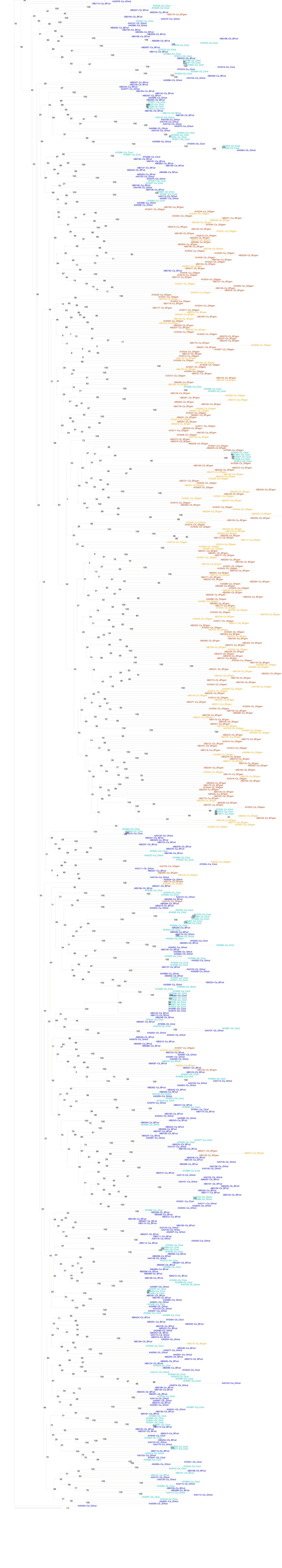
93

99

-AA0098-Ca_GHcol

AY0082-Cb_Clcol 1000068-Ca_Clcol 100035-Cb_Clcol

-AY0066-Ca_Clcol ----AY0065-Cb_Clcol



AB0167-Cb_BFgam

C) downstream

-AB0279-Ca_BFcol

AB0113-Ca_BFcol

34

-AY0013-Ca_Clcol

-AB0206-Ca_BFgam

AY0041-Ca_Clcol

AB0091-Cb_BFcol

-AB0278-Ca_BFgam

AB0114-Cb_BFcol

-AB0199-Cb_BFgam

AB0260-Cb_BFgam

AB0196-Cb_BFcol

AB0223-Cb_BFcol

-AB0090-Cb_BFcol

AV0047-Cb_GNgam

AB0234-Cb_BFcol

AA0067-Cb_GHcol

AA0040-Ca_GHcol

AB0128-Ca_BFgam

AB0147–Ca_BFgam
AY0023–Ca_Clcol

AA0040-Cb_GHcol

D) upstream of the breakpoint

A000049-Cb_GHcol AA0124-Cb_GHcol AA0040-Cb_GHcol

-AA0040-Ca_GHcol

0.1

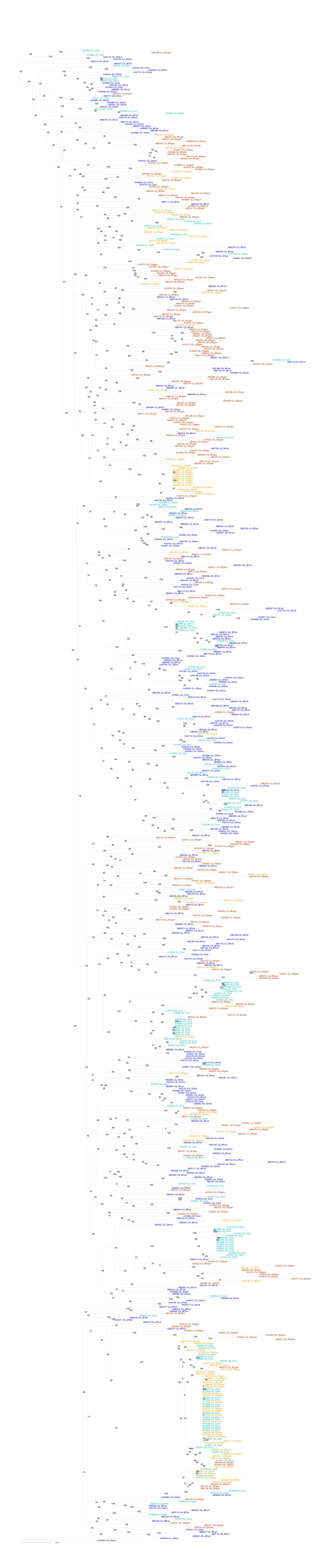
AB0181-Ca_BFcol

-AB0213-Ca_BFcol

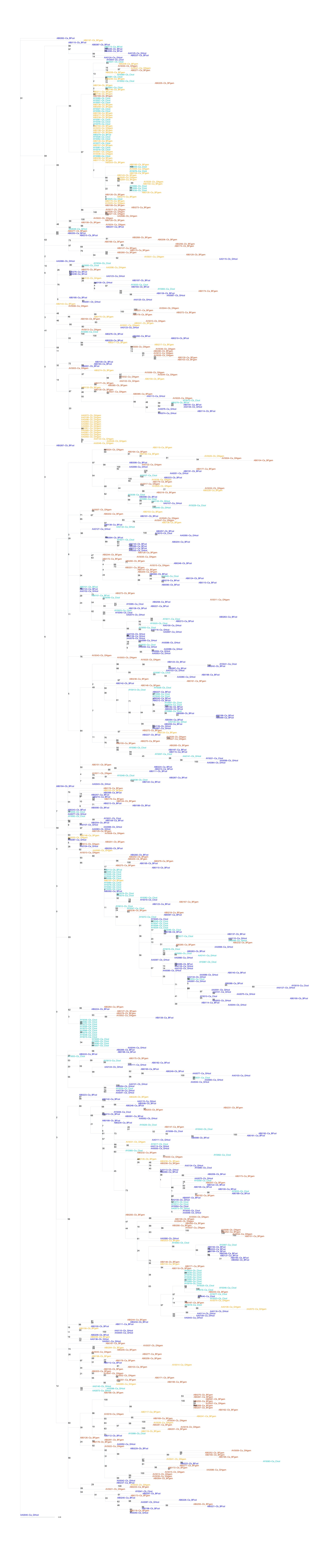
AB0151-Ca_BFgam

AB0268-Cb_BFgam

E) downstream of the breakpoint



both5k



both1k