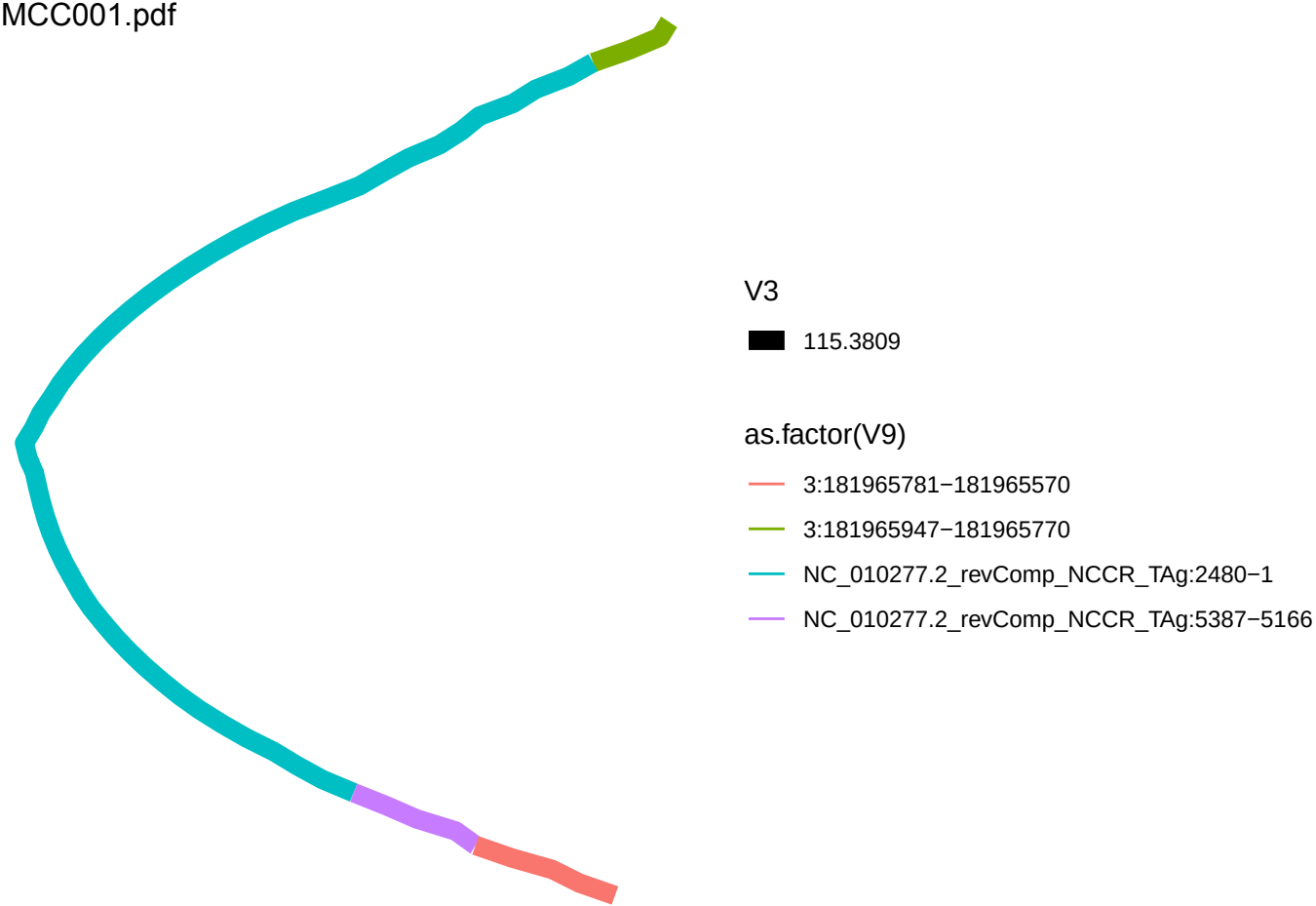
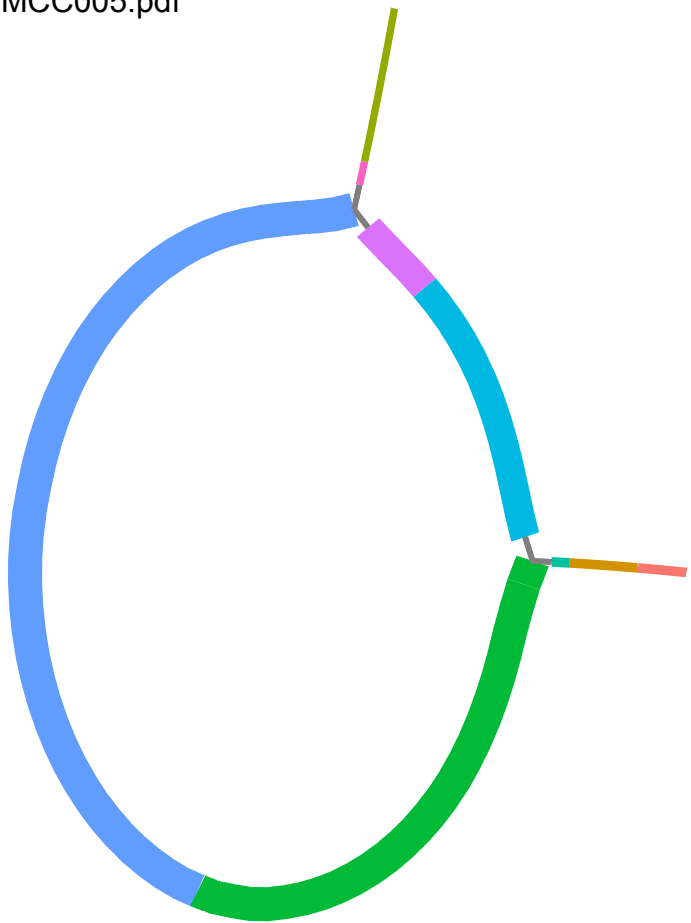
Figure S6. Assembly graphs for all integration events. 28 assembly graphs annotated by MCPyV genome position (colors labeling each segment are under the header “as.factor(V9)”). The “V3” variable represents the coverage of each contig as determined by SPAdes and contigs are scaled to reflect this value.

MCC001.pdf


V3
115.3809
as.factor(V9)
3:181965781−181965570
3:181965947−181965770
NC_010277.2_revComp_NCCR_TAg:2480−1
NC_010277.2_revComp_NCCR_TAg:5387−5166

MCC005.pdf



V3

250

500

750

as.factor(V9)

5:20753512−20753360

5:33938816−33938996

5:33939001−33939328

NC_010277.2_revComp_NCCR_TAg:1−1297

NC_010277.2_revComp_NCCR_TAg:1297−1243

NC_010277.2_revComp_NCCR_TAg:1789−1243

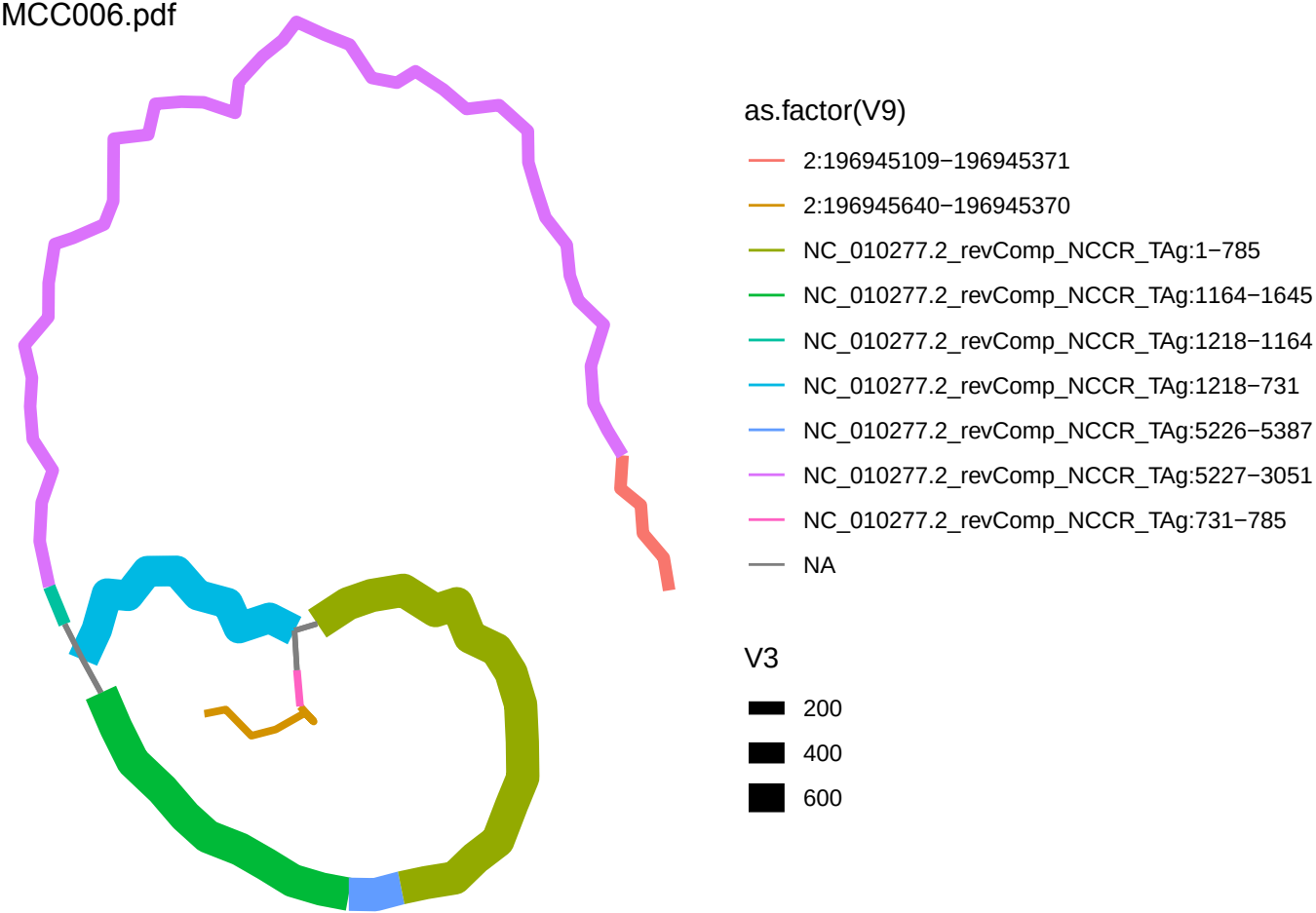
NC_010277.2_revComp_NCCR_TAg:3207−5387

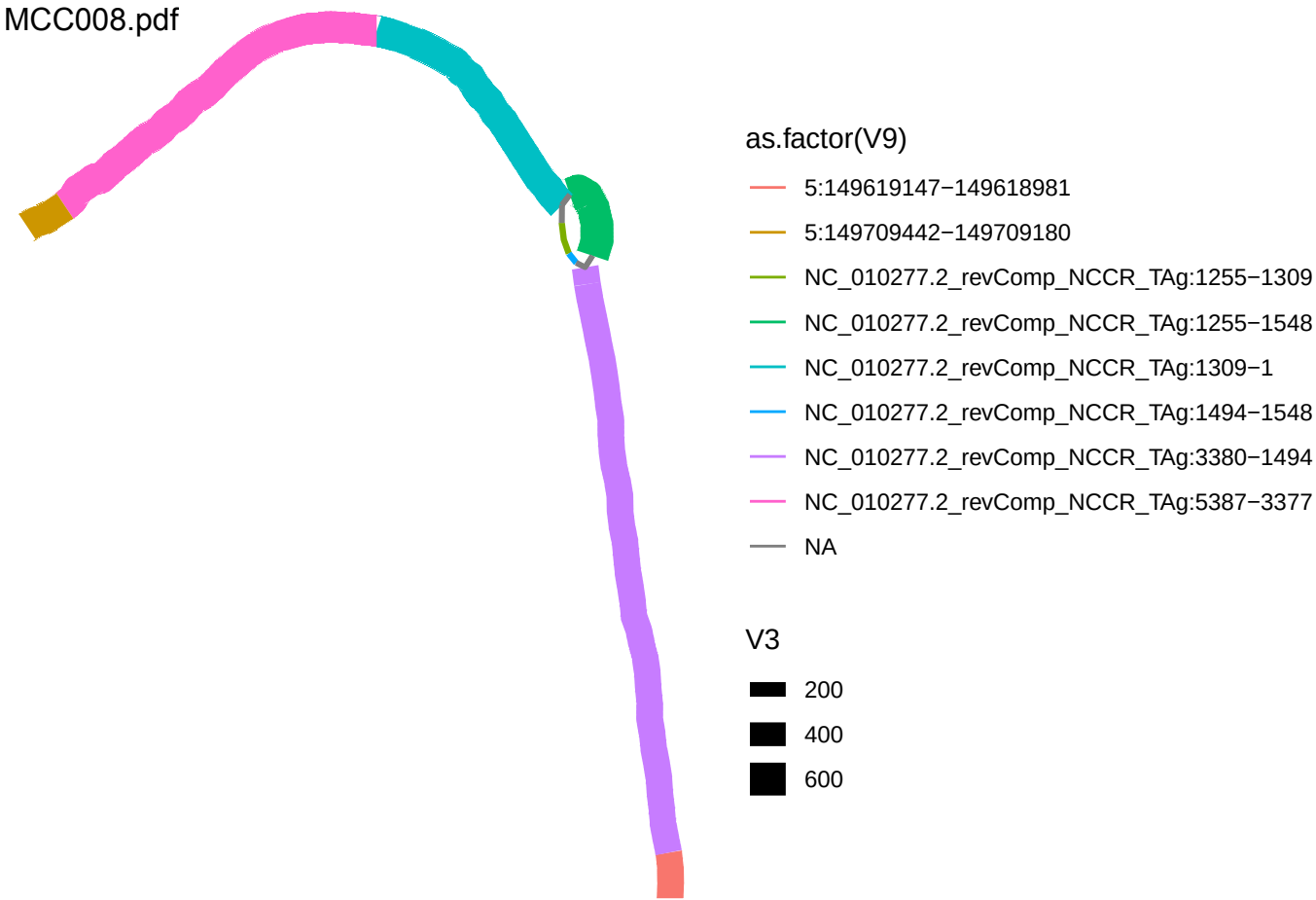
NC_010277.2_revComp_NCCR_TAg:3261−3051

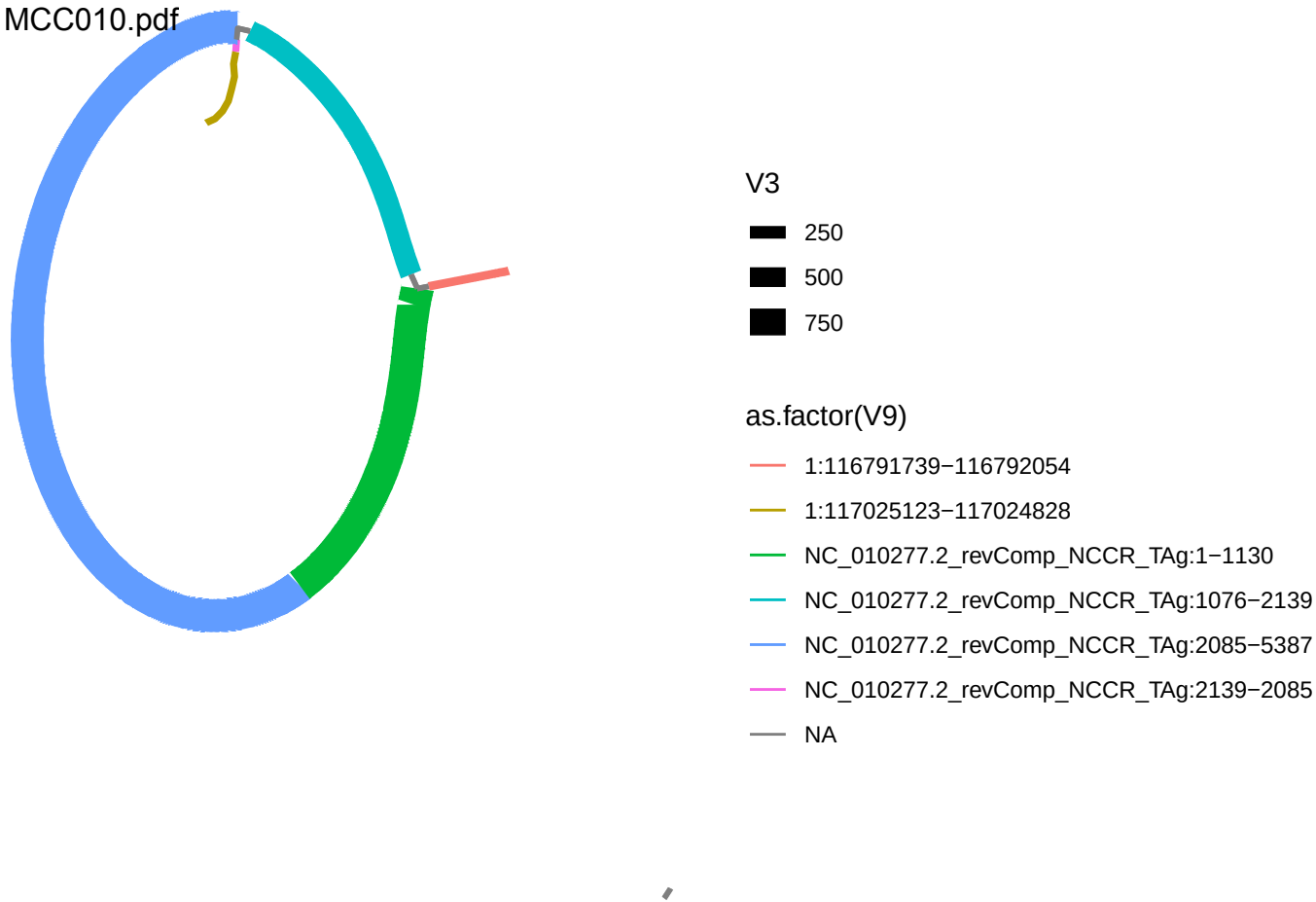
NC_010277.2_revComp_NCCR_TAg:3261−3207

NA

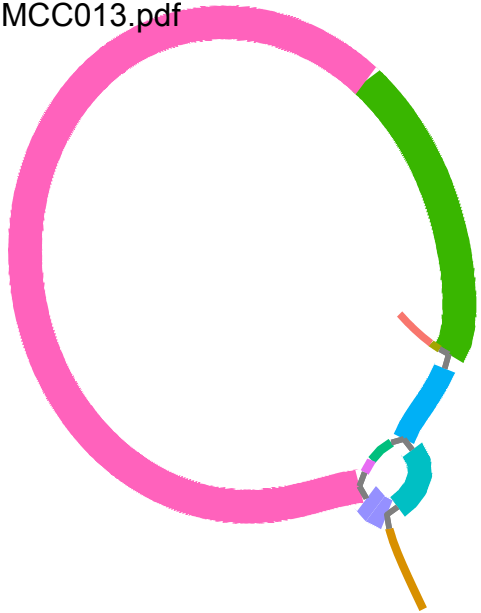
MCC006.pdf


as.factor(V9)
2:196945109−196945371
2:196945640−196945370
NC_010277.2_revComp_NCCR_TAg:1−785
NC_010277.2_revComp_NCCR_TAg:1164−1645
NC_010277.2_revComp_NCCR_TAg:1218−1164
NC_010277.2_revComp_NCCR_TAg:1218−731
NC_010277.2_revComp_NCCR_TAg:5226−5387
NC_010277.2_revComp_NCCR_TAg:5227−3051
NC_010277.2_revComp_NCCR_TAg:731−785
NA
V3
200
400
600


MCC008.pdf
as.factor(V9)
5:149619147−149618981
5:149709442−149709180
NC_010277.2_revComp_NCCR_TAg:1255−1309
NC_010277.2_revComp_NCCR_TAg:1255−1548
NC_010277.2_revComp_NCCR_TAg:1309−1
NC_010277.2_revComp_NCCR_TAg:1494−1548
NC_010277.2_revComp_NCCR_TAg:3380−1494
NC_010277.2_revComp_NCCR_TAg:5387−3377
NA
V3
200
400
600


MCC010.pdf
V3
250
500
750
as.factor(V9)
1:116791739−116792054
1:117025123−117024828
NC_010277.2_revComp_NCCR_TAg:1−1130
NC_010277.2_revComp_NCCR_TAg:1076−2139
NC_010277.2_revComp_NCCR_TAg:2085−5387
NC_010277.2_revComp_NCCR_TAg:2139−2085
NA

MCC013.pdf



V3

250

500

750

as.factor(V9)

6:36192882−36193057

6:36282634−36282354

NC_010277.2_revComp_NCCR_TAg:1046−1100

NC_010277.2_revComp_NCCR_TAg:1100−1

NC_010277.2_revComp_NCCR_TAg:1255−1309

NC_010277.2_revComp_NCCR_TAg:1255−1503

NC_010277.2_revComp_NCCR_TAg:1309−1046

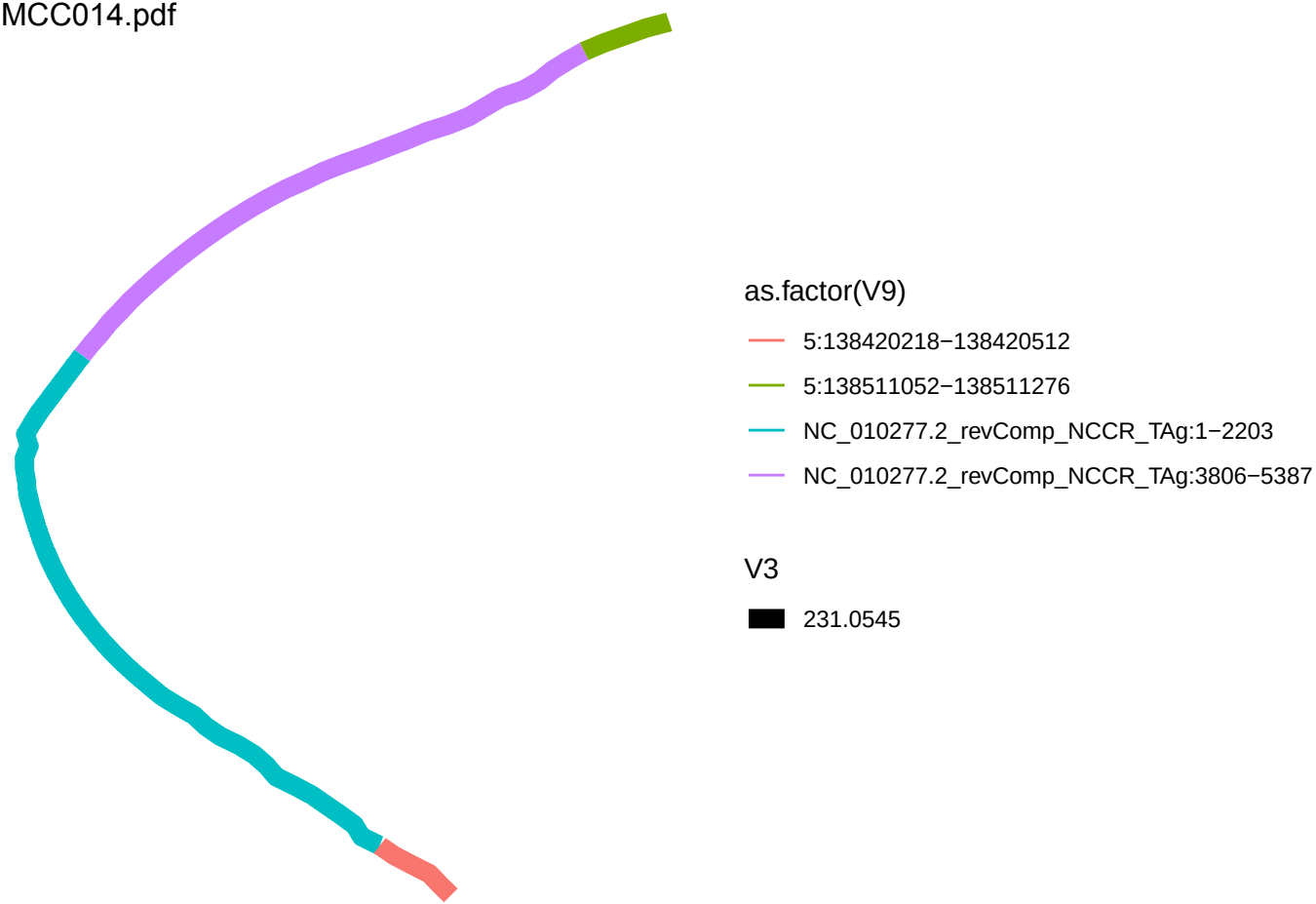
NC_010277.2_revComp_NCCR_TAg:1449−1548

NC_010277.2_revComp_NCCR_TAg:1494−1548

NC_010277.2_revComp_NCCR_TAg:5387−1494

NA

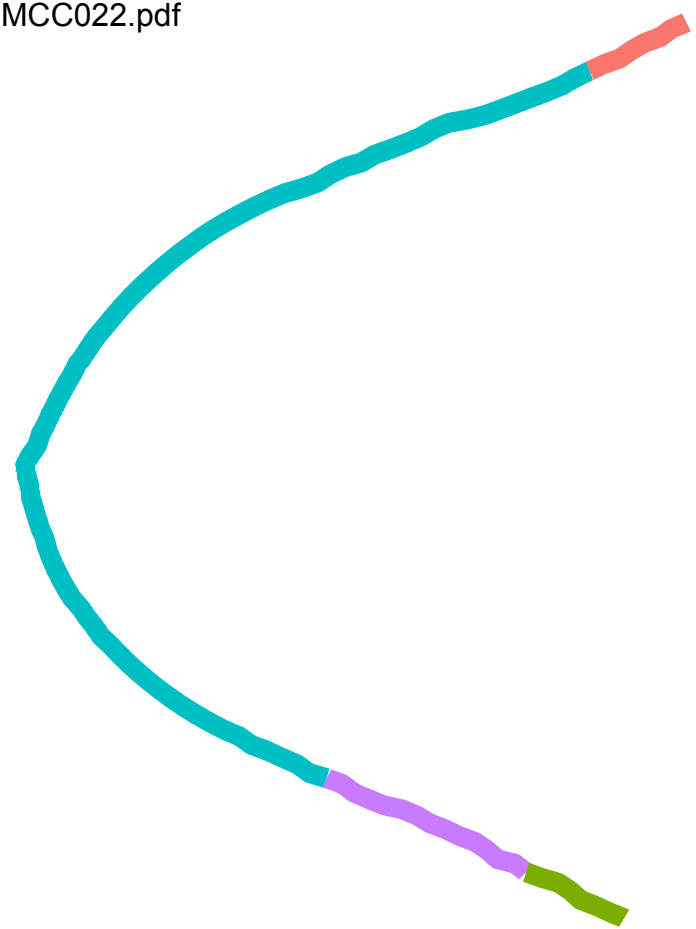
MCC014.pdf


as.factor(V9)
5:138420218−138420512
5:138511052−138511276
NC_010277.2_revComp_NCCR_TAg:1−2203
NC_010277.2_revComp_NCCR_TAg:3806−5387
V3
231.0545

MCC019.pdf

V3
192.284
as.factor(V9)
10:63999311−63999700
10:64000021−64000372
NC_010277.2_revComp_NCCR_TAg:1818−1
NC_010277.2_revComp_NCCR_TAg:5387−4636

MCC022.pdf



V3

182.902

as.factor(V9)

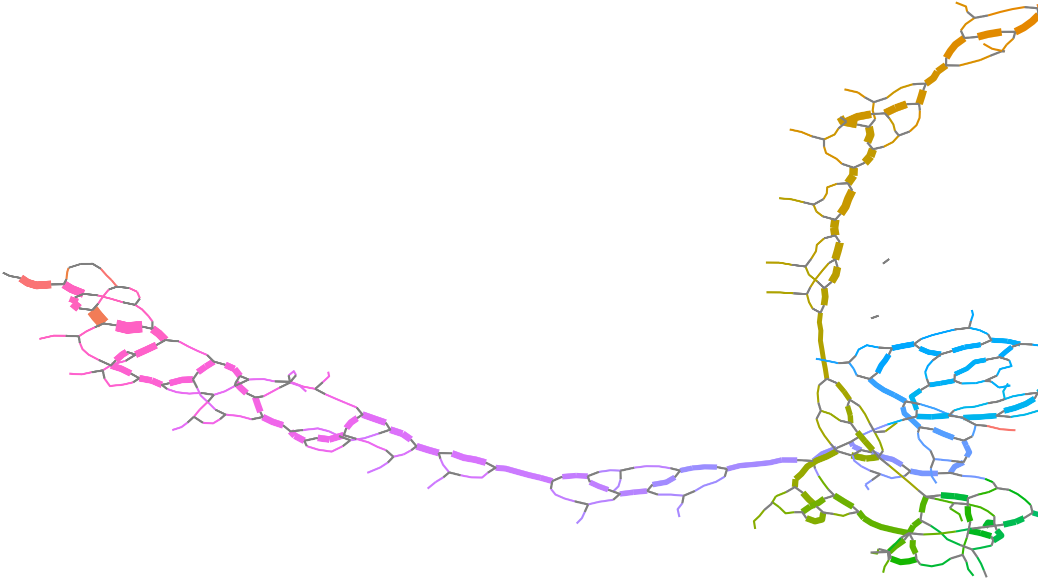
16:83581705−83581326

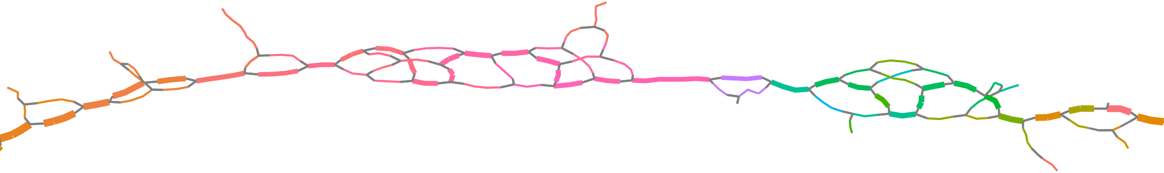
16:83890663−83890305

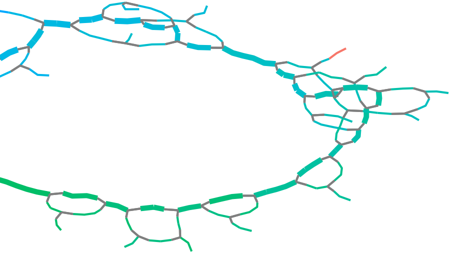
NC_010277.2_revComp_NCCR_TAg:4194−1

NC_010277.2_revComp_NCCR_TAg:5387−4696

MCC024.pdf







V3
3000
6000
9000
as.factor(V9)
11:31565332−31565386
14:38576492−38576400
14:45827976−45827930
5:145660706−145660952
5:145722651−145722831
5:145722705−145722641
5:145722705−145722651
5:145766003−145765679
NC_010277.2_revComp_NCCR_TAg:1−56
NC_010277.2_revComp_NCCR_TAg:1017−964
NC_010277.2_revComp_NCCR_TAg:1018−964
NC_010277.2_revComp_NCCR_TAg:1088−1135
NC_010277.2_revComp_NCCR_TAg:1088−1142
NC_010277.2_revComp_NCCR_TAg:1088−1191
NC_010277.2_revComp_NCCR_TAg:11−96
NC_010277.2_revComp_NCCR_TAg:1137−1236
NC_010277.2_revComp_NCCR_TAg:1142−1081
NC_010277.2_revComp_NCCR_TAg:1142−1088
NC_010277.2_revComp_NCCR_TAg:1182−1292
NC_010277.2_revComp_NCCR_TAg:1191−1088
NC_010277.2_revComp_NCCR_TAg:1238−1291
NC_010277.2_revComp_NCCR_TAg:1238−1379
NC_010277.2_revComp_NCCR_TAg:1291−1182
NC_010277.2_revComp_NCCR_TAg:1292−1238
NC_010277.2_revComp_NCCR_TAg:1328−1429
NC_010277.2_revComp_NCCR_TAg:1328−1437
NC_010277.2_revComp_NCCR_TAg:136−61
NC_010277.2_revComp_NCCR_TAg:136−93
NC_010277.2_revComp_NCCR_TAg:1375−1438
NC_010277.2_revComp_NCCR_TAg:1376−1429
NC_010277.2_revComp_NCCR_TAg:138−221
NC_010277.2_revComp_NCCR_TAg:1384−1485
NC_010277.2_revComp_NCCR_TAg:1429−1375
NC_010277.2_revComp_NCCR_TAg:1437−1384
NC_010277.2_revComp_NCCR_TAg:1438−1384
NC_010277.2_revComp_NCCR_TAg:1485−1376
NC_010277.2_revComp_NCCR_TAg:1529−1638
NC_010277.2_revComp_NCCR_TAg:1550−1611
NC_010277.2_revComp_NCCR_TAg:1553−1607
NC_010277.2_revComp_NCCR_TAg:1553−1661
NC_010277.2_revComp_NCCR_TAg:1556−1431
NC_010277.2_revComp_NCCR_TAg:1558−1612
NC_010277.2_revComp_NCCR_TAg:1583−1502
NC_010277.2_revComp_NCCR_TAg:1585−1529
NC_010277.2_revComp_NCCR_TAg:1585−1639
NC_010277.2_revComp_NCCR_TAg:1605−1531
NC_010277.2_revComp_NCCR_TAg:1607−1551
NC_010277.2_revComp_NCCR_TAg:1611−1502
NC_010277.2_revComp_NCCR_TAg:1612−1551
NC_010277.2_revComp_NCCR_TAg:1634−1742
NC_010277.2_revComp_NCCR_TAg:1634−1744
NC_010277.2_revComp_NCCR_TAg:1638−1531
NC_010277.2_revComp_NCCR_TAg:1639−1558
NC_010277.2_revComp_NCCR_TAg:1661−1585
NC_010277.2_revComp_NCCR_TAg:1688−1607
NC_010277.2_revComp_NCCR_TAg:1690−1744
NC_010277.2_revComp_NCCR_TAg:1690−1768
NC_010277.2_revComp_NCCR_TAg:1714−1790
NC_010277.2_revComp_NCCR_TAg:1714−1823
NC_010277.2_revComp_NCCR_TAg:1736−1824
NC_010277.2_revComp_NCCR_TAg:1736−1845
NC_010277.2_revComp_NCCR_TAg:1742−1686
NC_010277.2_revComp_NCCR_TAg:1770−1823
NC_010277.2_revComp_NCCR_TAg:1770−1846
NC_010277.2_revComp_NCCR_TAg:1792−1846
NC_010277.2_revComp_NCCR_TAg:1792−2095
NC_010277.2_revComp_NCCR_TAg:1824−1770
NC_010277.2_revComp_NCCR_TAg:1845−1792
NC_010277.2_revComp_NCCR_TAg:192−111
NC_010277.2_revComp_NCCR_TAg:192−93
NC_010277.2_revComp_NCCR_TAg:199−283
NC_010277.2_revComp_NCCR_TAg:2041−2095
NC_010277.2_revComp_NCCR_TAg:2041−2114
NC_010277.2_revComp_NCCR_TAg:2100−2209
NC_010277.2_revComp_NCCR_TAg:2111−2170
NC_010277.2_revComp_NCCR_TAg:2127−2060
NC_010277.2_revComp_NCCR_TAg:2127−2066
NC_010277.2_revComp_NCCR_TAg:2153−2060
NC_010277.2_revComp_NCCR_TAg:2153−2099
NC_010277.2_revComp_NCCR_TAg:2155−2445

NC_010277.2_revComp_NCCR_TAg:2170−2073 —
NC_010277.2_revComp_NCCR_TAg:2170−2099 —
NC_010277.2_revComp_NCCR_TAg:2209−2116 —
NC_010277.2_revComp_NCCR_TAg:221−112 —
NC_010277.2_revComp_NCCR_TAg:229−309 —
NC_010277.2_revComp_NCCR_TAg:2391−2450 —
NC_010277.2_revComp_NCCR_TAg:2392−2493 —
NC_010277.2_revComp_NCCR_TAg:2393−2450 —
NC_010277.2_revComp_NCCR_TAg:2396−2502 —
NC_010277.2_revComp_NCCR_TAg:2445−2391 —
NC_010277.2_revComp_NCCR_TAg:250−350 —
NC_010277.2_revComp_NCCR_TAg:2502−2392 —
NC_010277.2_revComp_NCCR_TAg:251−350 —
NC_010277.2_revComp_NCCR_TAg:253−167 —
NC_010277.2_revComp_NCCR_TAg:2561−2448 —
NC_010277.2_revComp_NCCR_TAg:2561−2496 —
NC_010277.2_revComp_NCCR_TAg:2581−2507 —
NC_010277.2_revComp_NCCR_TAg:2705−2762 —
NC_010277.2_revComp_NCCR_TAg:2713−2784 —
NC_010277.2_revComp_NCCR_TAg:2730−2784 —
NC_010277.2_revComp_NCCR_TAg:2759−2527 —
NC_010277.2_revComp_NCCR_TAg:2760−2823 —
NC_010277.2_revComp_NCCR_TAg:2767−2705 —
NC_010277.2_revComp_NCCR_TAg:2769−2836 —
NC_010277.2_revComp_NCCR_TAg:2782−2843 —
NC_010277.2_revComp_NCCR_TAg:2789−2843 —
NC_010277.2_revComp_NCCR_TAg:2790−2843 —
NC_010277.2_revComp_NCCR_TAg:2790−2899 —
NC_010277.2_revComp_NCCR_TAg:280−351 —
NC_010277.2_revComp_NCCR_TAg:281−334 —
NC_010277.2_revComp_NCCR_TAg:2811−2870 —
NC_010277.2_revComp_NCCR_TAg:2813−2867 —
NC_010277.2_revComp_NCCR_TAg:2813−2870 —
NC_010277.2_revComp_NCCR_TAg:2814−2713 —
NC_010277.2_revComp_NCCR_TAg:2815−2867 —
NC_010277.2_revComp_NCCR_TAg:2815−2923 —
NC_010277.2_revComp_NCCR_TAg:2816−2892 —
NC_010277.2_revComp_NCCR_TAg:2823−2730 —
NC_010277.2_revComp_NCCR_TAg:283−199 —
NC_010277.2_revComp_NCCR_TAg:2845−2905 —
NC_010277.2_revComp_NCCR_TAg:2865−2760 —
NC_010277.2_revComp_NCCR_TAg:2865−2811 —
NC_010277.2_revComp_NCCR_TAg:2867−2789 —
NC_010277.2_revComp_NCCR_TAg:2891−2782 —
NC_010277.2_revComp_NCCR_TAg:2891−2838 —
NC_010277.2_revComp_NCCR_TAg:2892−2838 —
NC_010277.2_revComp_NCCR_TAg:2899−2838 —
NC_010277.2_revComp_NCCR_TAg:2905−2851 —
NC_010277.2_revComp_NCCR_TAg:2923−2851 —
NC_010277.2_revComp_NCCR_TAg:296−229 —
NC_010277.2_revComp_NCCR_TAg:297−352 —
NC_010277.2_revComp_NCCR_TAg:298−352 —
NC_010277.2_revComp_NCCR_TAg:298−390 —
NC_010277.2_revComp_NCCR_TAg:305−242 —
NC_010277.2_revComp_NCCR_TAg:309−229 —
NC_010277.2_revComp_NCCR_TAg:309−251 —
NC_010277.2_revComp_NCCR_TAg:3109−2869 —
NC_010277.2_revComp_NCCR_TAg:3109−3055 —
NC_010277.2_revComp_NCCR_TAg:3109−3056 —
NC_010277.2_revComp_NCCR_TAg:3117−3180 —
NC_010277.2_revComp_NCCR_TAg:3126−3171 —
NC_010277.2_revComp_NCCR_TAg:3165−3055 —
NC_010277.2_revComp_NCCR_TAg:3165−3056 —
NC_010277.2_revComp_NCCR_TAg:3165−3275 —
NC_010277.2_revComp_NCCR_TAg:3166−3275 —
NC_010277.2_revComp_NCCR_TAg:3171−3111 —
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NC_010277.2_revComp_NCCR_TAg:336−440 —
NC_010277.2_revComp_NCCR_TAg:337−255 —
NC_010277.2_revComp_NCCR_TAg:3384−3221 —
NC_010277.2_revComp_NCCR_TAg:3384−3331 —
NC_010277.2_revComp_NCCR_TAg:3402−3511 —
NC_010277.2_revComp_NCCR_TAg:3404−3502 —
NC_010277.2_revComp_NCCR_TAg:3440−3330 —
NC_010277.2_revComp_NCCR_TAg:3448−3509 —
NC_010277.2_revComp_NCCR_TAg:3450−3502 —
NC_010277.2_revComp_NCCR_TAg:3450−3558 —
NC_010277.2_revComp_NCCR_TAg:3455−3509 —
NC_010277.2_revComp_NCCR_TAg:3455−3512 —
NC_010277.2_revComp_NCCR_TAg:3456−3386 —
NC_010277.2_revComp_NCCR_TAg:3458−3402 —
NC_010277.2_revComp_NCCR_TAg:3458−3511 —
NC_010277.2_revComp_NCCR_TAg:3458−3512 —
NC_010277.2_revComp_NCCR_TAg:3458−3514 —
NC_010277.2_revComp_NCCR_TAg:3458−3547 —
NC_010277.2_revComp_NCCR_TAg:3460−3513 —
NC_010277.2_revComp_NCCR_TAg:3460−3514 —
NC_010277.2_revComp_NCCR_TAg:3502−3448 —
NC_010277.2_revComp_NCCR_TAg:3502−3568 —
NC_010277.2_revComp_NCCR_TAg:3504−3568 —
NC_010277.2_revComp_NCCR_TAg:3509−3458 —

NC_010277.2_revComp_NCCR_TAg:351−250 —
NC_010277.2_revComp_NCCR_TAg:3513−3404 —
NC_010277.2_revComp_NCCR_TAg:3514−3742 —
NC_010277.2_revComp_NCCR_TAg:3556−3458 —
NC_010277.2_revComp_NCCR_TAg:3556−3486 —
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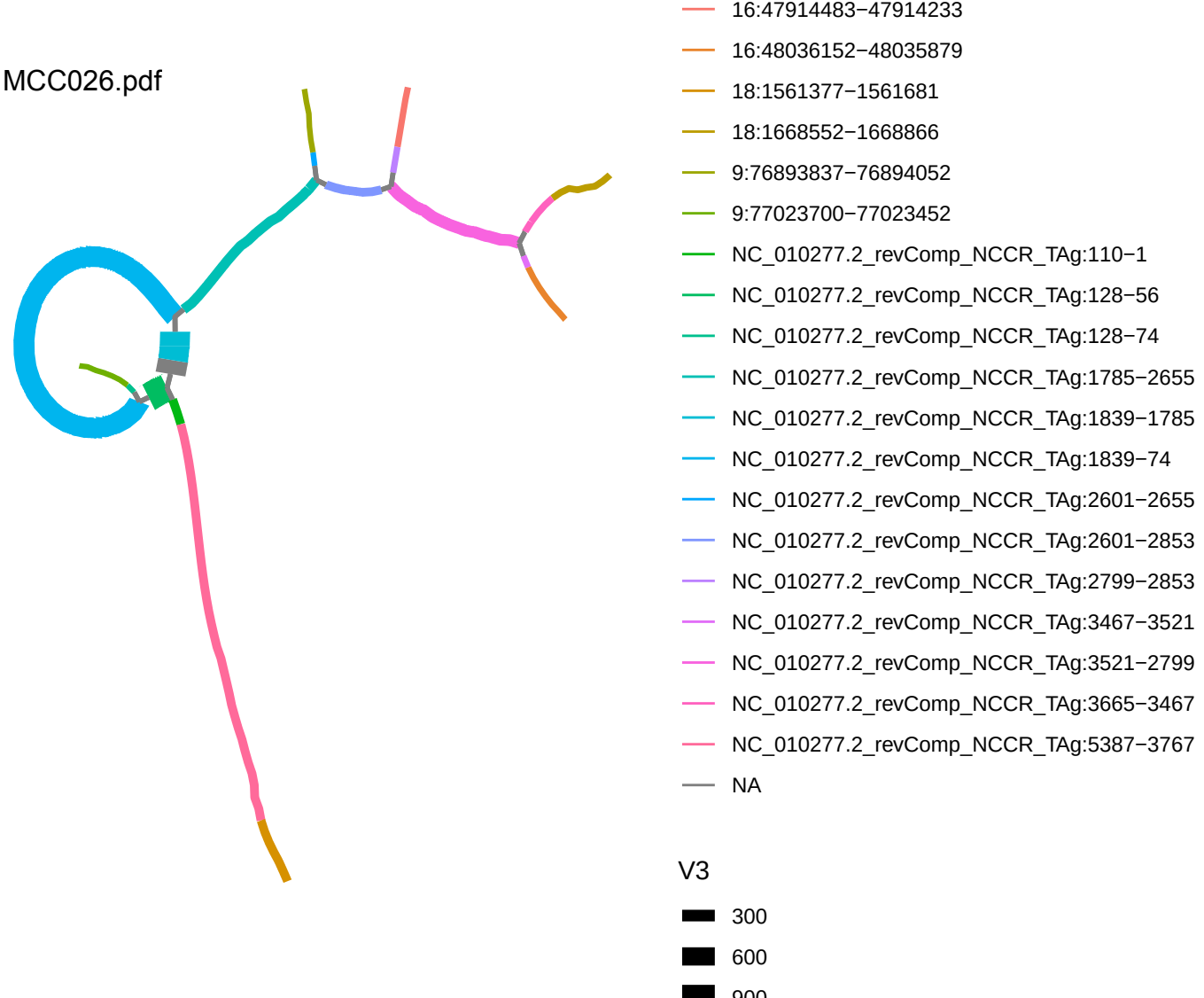
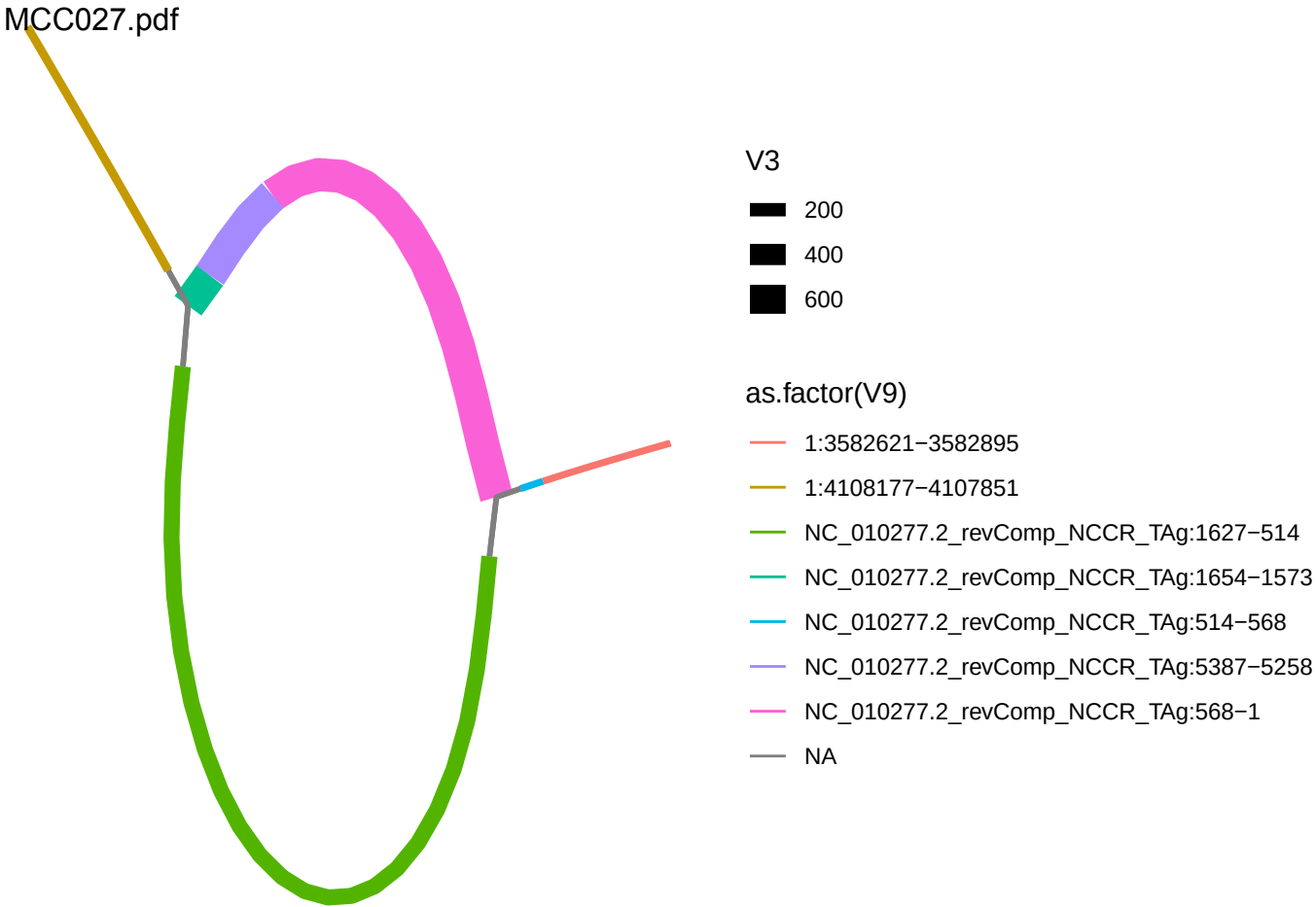
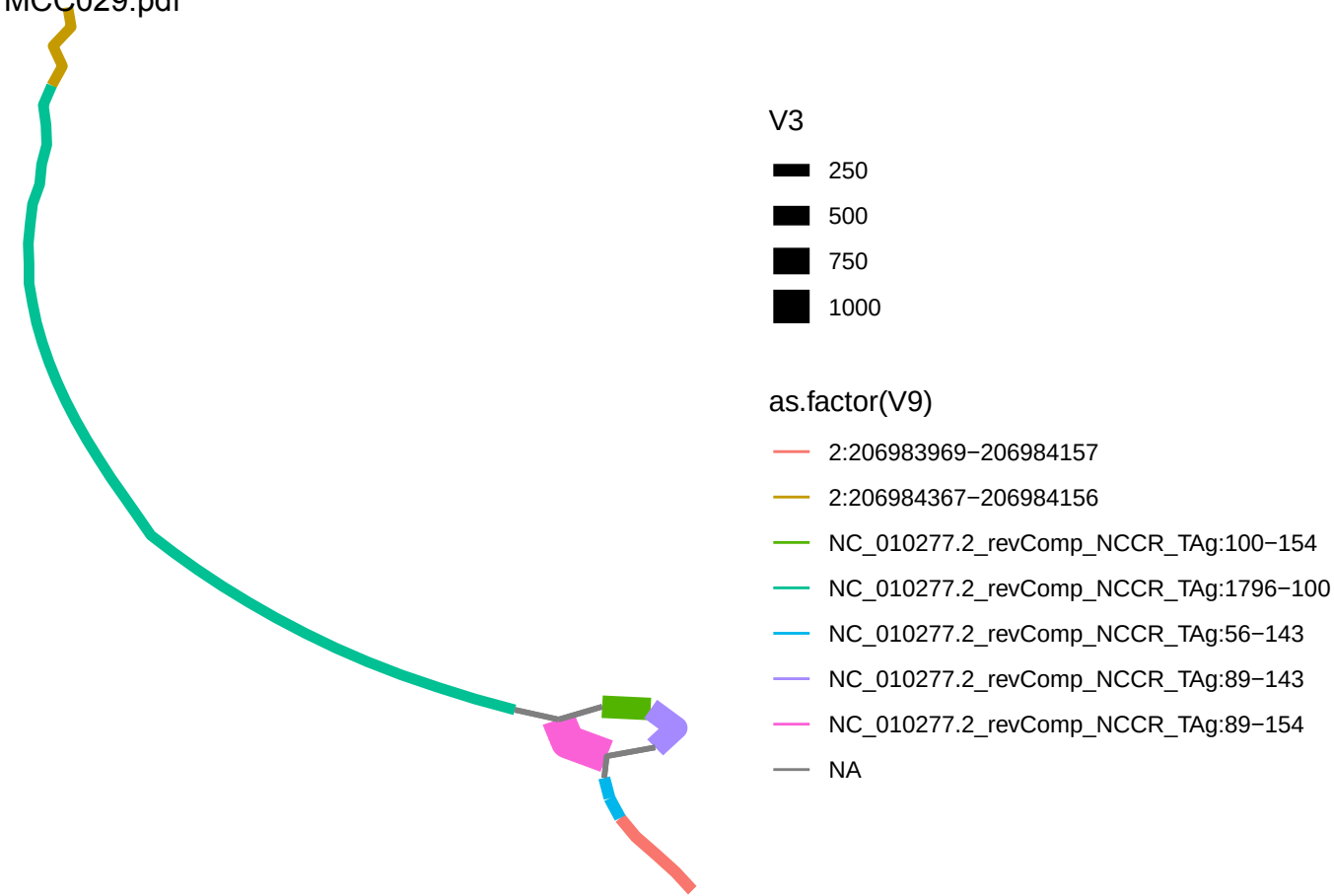
NC_010277.2_revComp_NCCR_TAg:3649−3707 —
NC_010277.2_revComp_NCCR_TAg:3653−3743 —
NC_010277.2_revComp_NCCR_TAg:3688−3793 —
NC_010277.2_revComp_NCCR_TAg:3740−3794 —
NC_010277.2_revComp_NCCR_TAg:3743−3688 —
NC_010277.2_revComp_NCCR_TAg:3770−3689 —
NC_010277.2_revComp_NCCR_TAg:3772−3826 —
NC_010277.2_revComp_NCCR_TAg:3790−3844 —
NC_010277.2_revComp_NCCR_TAg:3793−3740 —
NC_010277.2_revComp_NCCR_TAg:3794−3716 —
NC_010277.2_revComp_NCCR_TAg:3803−3924 —
NC_010277.2_revComp_NCCR_TAg:3824−3716 —
NC_010277.2_revComp_NCCR_TAg:3824−3772 —
NC_010277.2_revComp_NCCR_TAg:3826−3740 —
NC_010277.2_revComp_NCCR_TAg:3844−3772 —
NC_010277.2_revComp_NCCR_TAg:3857−3790 —
NC_010277.2_revComp_NCCR_TAg:3857−3803 —
NC_010277.2_revComp_NCCR_TAg:3870−3924 —
NC_010277.2_revComp_NCCR_TAg:3870−3927 —
NC_010277.2_revComp_NCCR_TAg:3871−3980 —
NC_010277.2_revComp_NCCR_TAg:3874−3927 —
NC_010277.2_revComp_NCCR_TAg:3874−3983 —
NC_010277.2_revComp_NCCR_TAg:390−281 —
NC_010277.2_revComp_NCCR_TAg:3924−3871 —
NC_010277.2_revComp_NCCR_TAg:3926−3983 —
NC_010277.2_revComp_NCCR_TAg:3927−3873 —
NC_010277.2_revComp_NCCR_TAg:3946−4055 —
NC_010277.2_revComp_NCCR_TAg:3980−3873 —
NC_010277.2_revComp_NCCR_TAg:4000−3929 —
NC_010277.2_revComp_NCCR_TAg:4000−3946 —
NC_010277.2_revComp_NCCR_TAg:4001−4055 —
NC_010277.2_revComp_NCCR_TAg:4001−4057 —
NC_010277.2_revComp_NCCR_TAg:4003−4057 —
NC_010277.2_revComp_NCCR_TAg:4003−4113 —
NC_010277.2_revComp_NCCR_TAg:4004−4113 —
NC_010277.2_revComp_NCCR_TAg:4057−4004 —
NC_010277.2_revComp_NCCR_TAg:4062−4120 —
NC_010277.2_revComp_NCCR_TAg:4066−4120 —
NC_010277.2_revComp_NCCR_TAg:4066−4132 —
NC_010277.2_revComp_NCCR_TAg:4078−4176 —
NC_010277.2_revComp_NCCR_TAg:4116−4059 —
NC_010277.2_revComp_NCCR_TAg:4116−4062 —
NC_010277.2_revComp_NCCR_TAg:4120−4067 —
NC_010277.2_revComp_NCCR_TAg:4122−4203 —
NC_010277.2_revComp_NCCR_TAg:4132−4078 —
NC_010277.2_revComp_NCCR_TAg:4149−4258 —
NC_010277.2_revComp_NCCR_TAg:4149−4259 —
NC_010277.2_revComp_NCCR_TAg:4176−4067 —
NC_010277.2_revComp_NCCR_TAg:4205−4258 —
NC_010277.2_revComp_NCCR_TAg:4205−4259 —
NC_010277.2_revComp_NCCR_TAg:4205−4361 —
NC_010277.2_revComp_NCCR_TAg:4307−4414 —
NC_010277.2_revComp_NCCR_TAg:4307−4415 —
NC_010277.2_revComp_NCCR_TAg:4360−4417 —
NC_010277.2_revComp_NCCR_TAg:4361−4417 —
NC_010277.2_revComp_NCCR_TAg:4467−4361 —
NC_010277.2_revComp_NCCR_TAg:4467−4413 —
NC_010277.2_revComp_NCCR_TAg:4471−4363 —
NC_010277.2_revComp_NCCR_TAg:4471−4413 —
NC_010277.2_revComp_NCCR_TAg:4508−4417 —
NC_010277.2_revComp_NCCR_TAg:4508−4454 —
NC_010277.2_revComp_NCCR_TAg:4541−4454 —
NC_010277.2_revComp_NCCR_TAg:4541−4487 —
NC_010277.2_revComp_NCCR_TAg:4541−4489 —
NC_010277.2_revComp_NCCR_TAg:4548−4610 —
NC_010277.2_revComp_NCCR_TAg:4597−4487 —
NC_010277.2_revComp_NCCR_TAg:4597−4489 —
NC_010277.2_revComp_NCCR_TAg:4602−4543 —
NC_010277.2_revComp_NCCR_TAg:4606−4548 —
NC_010277.2_revComp_NCCR_TAg:4606−4552 —
NC_010277.2_revComp_NCCR_TAg:4705−4808 —
NC_010277.2_revComp_NCCR_TAg:4705−4814 —
NC_010277.2_revComp_NCCR_TAg:4754−4815 —
NC_010277.2_revComp_NCCR_TAg:4759−4552 —
NC_010277.2_revComp_NCCR_TAg:4761−4814 —
NC_010277.2_revComp_NCCR_TAg:4761−4815 —
NC_010277.2_revComp_NCCR_TAg:4790−4843 —
NC_010277.2_revComp_NCCR_TAg:4810−4863 —
NC_010277.2_revComp_NCCR_TAg:4810−4864 —
NC_010277.2_revComp_NCCR_TAg:4843−4761 —
NC_010277.2_revComp_NCCR_TAg:4843−4789 —
NC_010277.2_revComp_NCCR_TAg:486−386 —
NC_010277.2_revComp_NCCR_TAg:4863−4754 —
NC_010277.2_revComp_NCCR_TAg:4864−4789 —
NC_010277.2_revComp_NCCR_TAg:4899−4790 —
NC_010277.2_revComp_NCCR_TAg:4899−4810 —
NC_010277.2_revComp_NCCR_TAg:496−386 —
NC_010277.2_revComp_NCCR_TAg:496−432 —
NC_010277.2_revComp_NCCR_TAg:5050−4845 —
NC_010277.2_revComp_NCCR_TAg:5052−5105 —
NC_010277.2_revComp_NCCR_TAg:5052−5106 —
NC_010277.2_revComp_NCCR_TAg:5058−5111 —
NC_010277.2_revComp_NCCR_TAg:5072−5126 —
NC_010277.2_revComp_NCCR_TAg:5105−4996 —

NC_010277.2_revComp_NCCR_TAg:5106−4996
NC_010277.2_revComp_NCCR_TAg:5111−5052
NC_010277.2_revComp_NCCR_TAg:5111−5057
NC_010277.2_revComp_NCCR_TAg:5126−5057
NC_010277.2_revComp_NCCR_TAg:5126−5073
NC_010277.2_revComp_NCCR_TAg:5141−5195
NC_010277.2_revComp_NCCR_TAg:5144−5253
NC_010277.2_revComp_NCCR_TAg:5150−5072
NC_010277.2_revComp_NCCR_TAg:5150−5197
NC_010277.2_revComp_NCCR_TAg:5152−5205
NC_010277.2_revComp_NCCR_TAg:5152−5206
NC_010277.2_revComp_NCCR_TAg:5152−5228
NC_010277.2_revComp_NCCR_TAg:5153−5262
NC_010277.2_revComp_NCCR_TAg:5167−5058
NC_010277.2_revComp_NCCR_TAg:5167−5096
NC_010277.2_revComp_NCCR_TAg:5182−5073
NC_010277.2_revComp_NCCR_TAg:5182−5113
NC_010277.2_revComp_NCCR_TAg:5195−5128
NC_010277.2_revComp_NCCR_TAg:5197−5141
NC_010277.2_revComp_NCCR_TAg:5197−5143
— NC_010277.2_revComp_NCCR_TAg:5197−5144
— NC_010277.2_revComp_NCCR_TAg:5204−5096
— NC_010277.2_revComp_NCCR_TAg:5204−5152
— NC_010277.2_revComp_NCCR_TAg:5205−5143
— NC_010277.2_revComp_NCCR_TAg:5205−5151
— NC_010277.2_revComp_NCCR_TAg:5205−5152
— NC_010277.2_revComp_NCCR_TAg:5206−5151
— NC_010277.2_revComp_NCCR_TAg:5206−5153
— NC_010277.2_revComp_NCCR_TAg:5237−5152
— NC_010277.2_revComp_NCCR_TAg:5237−5168
— NC_010277.2_revComp_NCCR_TAg:5253−5183
— NC_010277.2_revComp_NCCR_TAg:5262−5199
— NC_010277.2_revComp_NCCR_TAg:5301−5365
— NC_010277.2_revComp_NCCR_TAg:5303−5360
— NC_010277.2_revComp_NCCR_TAg:5304−5208
— NC_010277.2_revComp_NCCR_TAg:5345−5250
— NC_010277.2_revComp_NCCR_TAg:5357−5250
— NC_010277.2_revComp_NCCR_TAg:5357−5303
— NC_010277.2_revComp_NCCR_TAg:5360−5291
— NC_010277.2_revComp_NCCR_TAg:5365−5306
— NC_010277.2_revComp_NCCR_TAg:5387−5291
— NC_010277.2_revComp_NCCR_TAg:5387−5311
— NC_010277.2_revComp_NCCR_TAg:5387−5337
— NC_010277.2_revComp_NCCR_TAg:5387−5347
— NC_010277.2_revComp_NCCR_TAg:56−1
— NC_010277.2_revComp_NCCR_TAg:6−65
— NC_010277.2_revComp_NCCR_TAg:60−2
— NC_010277.2_revComp_NCCR_TAg:61−2
— NC_010277.2_revComp_NCCR_TAg:666−741
— NC_010277.2_revComp_NCCR_TAg:687−741
— NC_010277.2_revComp_NCCR_TAg:687−771
— NC_010277.2_revComp_NCCR_TAg:688−797
— NC_010277.2_revComp_NCCR_TAg:714−768
— NC_010277.2_revComp_NCCR_TAg:715−442
— NC_010277.2_revComp_NCCR_TAg:717−776
— NC_010277.2_revComp_NCCR_TAg:720−661
— NC_010277.2_revComp_NCCR_TAg:722−775
— NC_010277.2_revComp_NCCR_TAg:722−797
— NC_010277.2_revComp_NCCR_TAg:743−810
— NC_010277.2_revComp_NCCR_TAg:756−847
— NC_010277.2_revComp_NCCR_TAg:756−891
— NC_010277.2_revComp_NCCR_TAg:768−661
— NC_010277.2_revComp_NCCR_TAg:771−714
— NC_010277.2_revComp_NCCR_TAg:775−666
— NC_010277.2_revComp_NCCR_TAg:776−722
— NC_010277.2_revComp_NCCR_TAg:793−876
— NC_010277.2_revComp_NCCR_TAg:822−883
— NC_010277.2_revComp_NCCR_TAg:829−914
— NC_010277.2_revComp_NCCR_TAg:829−915
— NC_010277.2_revComp_NCCR_TAg:860−933
— NC_010277.2_revComp_NCCR_TAg:876−822
— NC_010277.2_revComp_NCCR_TAg:879−962
— NC_010277.2_revComp_NCCR_TAg:883−793
— NC_010277.2_revComp_NCCR_TAg:891−829
— NC_010277.2_revComp_NCCR_TAg:908−1017
— NC_010277.2_revComp_NCCR_TAg:908−1018
— NC_010277.2_revComp_NCCR_TAg:914−837
— NC_010277.2_revComp_NCCR_TAg:915−829
— NC_010277.2_revComp_NCCR_TAg:93−165
— NC_010277.2_revComp_NCCR_TAg:933−860
— NC_010277.2_revComp_NCCR_TAg:96−11
— NC_010277.2_revComp_NCCR_TAg:96−6
— NC_010277.2_revComp_NCCR_TAg:964−1135
— NA

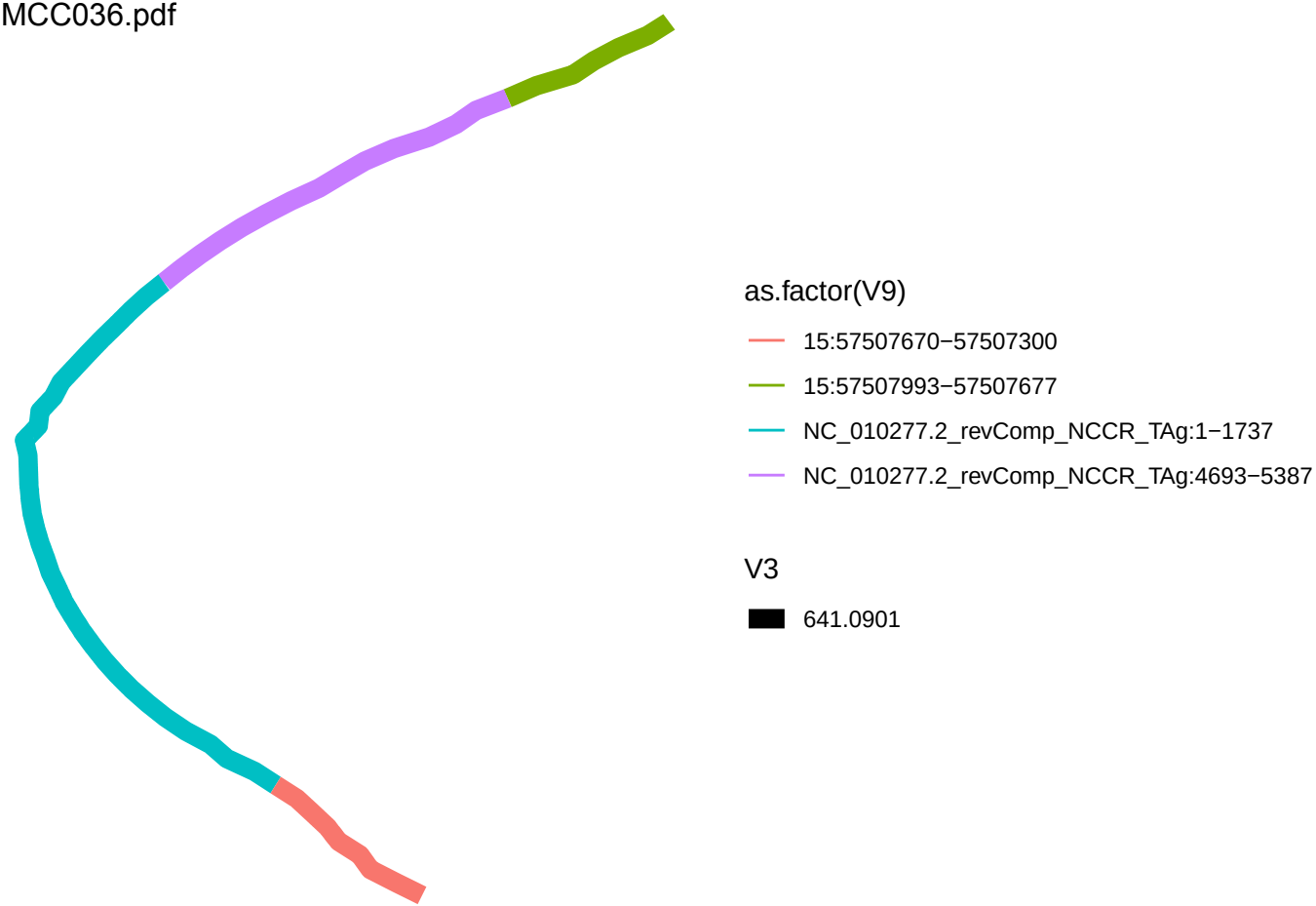

MCC026.pdf
16:47914483−47914233
16:48036152−48035879
18:1561377−1561681
18:1668552−1668866
9:76893837−76894052
9:77023700−77023452
NC_010277.2_revComp_NCCR_TAg:110−1
NC_010277.2_revComp_NCCR_TAg:128−56
NC_010277.2_revComp_NCCR_TAg:128−74
NC_010277.2_revComp_NCCR_TAg:1785−2655
NC_010277.2_revComp_NCCR_TAg:1839−1785
NC_010277.2_revComp_NCCR_TAg:1839−74
NC_010277.2_revComp_NCCR_TAg:2601−2655
NC_010277.2_revComp_NCCR_TAg:2601−2853
NC_010277.2_revComp_NCCR_TAg:2799−2853
NC_010277.2_revComp_NCCR_TAg:3467−3521
NC_010277.2_revComp_NCCR_TAg:3521−2799
NC_010277.2_revComp_NCCR_TAg:3665−3467
NC_010277.2_revComp_NCCR_TAg:5387−3767
NA
V3
300
600
900


MCC027.pdf
V3
200
400
600
as.factor(V9)
1:3582621−3582895
1:4108177−4107851
NC_010277.2_revComp_NCCR_TAg:1627−514
NC_010277.2_revComp_NCCR_TAg:1654−1573
NC_010277.2_revComp_NCCR_TAg:514−568
NC_010277.2_revComp_NCCR_TAg:5387−5258
NC_010277.2_revComp_NCCR_TAg:568−1
NA

MCC029.pdf

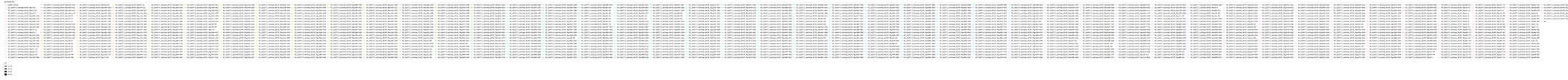

V3
250
500
750
1000
as.factor(V9)
2:206983969−206984157
2:206984367−206984156
NC_010277.2_revComp_NCCR_TAg:100−154
NC_010277.2_revComp_NCCR_TAg:1796−100
NC_010277.2_revComp_NCCR_TAg:56−143
NC_010277.2_revComp_NCCR_TAg:89−143
NC_010277.2_revComp_NCCR_TAg:89−154
NA

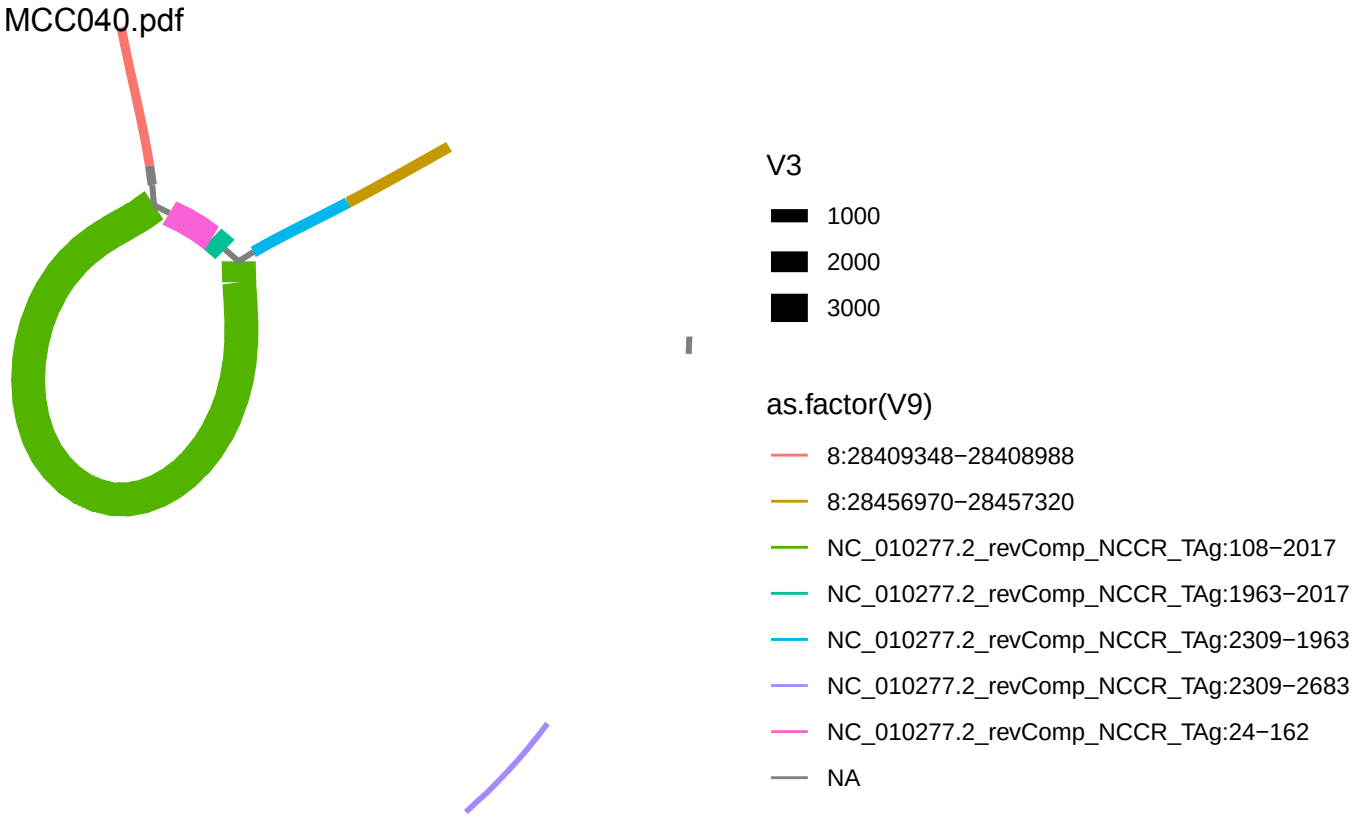
MCC036.pdf


as.factor(V9)
15:57507670−57507300
15:57507993−57507677
NC_010277.2_revComp_NCCR_TAg:1−1737
NC_010277.2_revComp_NCCR_TAg:4693−5387
V3
641.0901

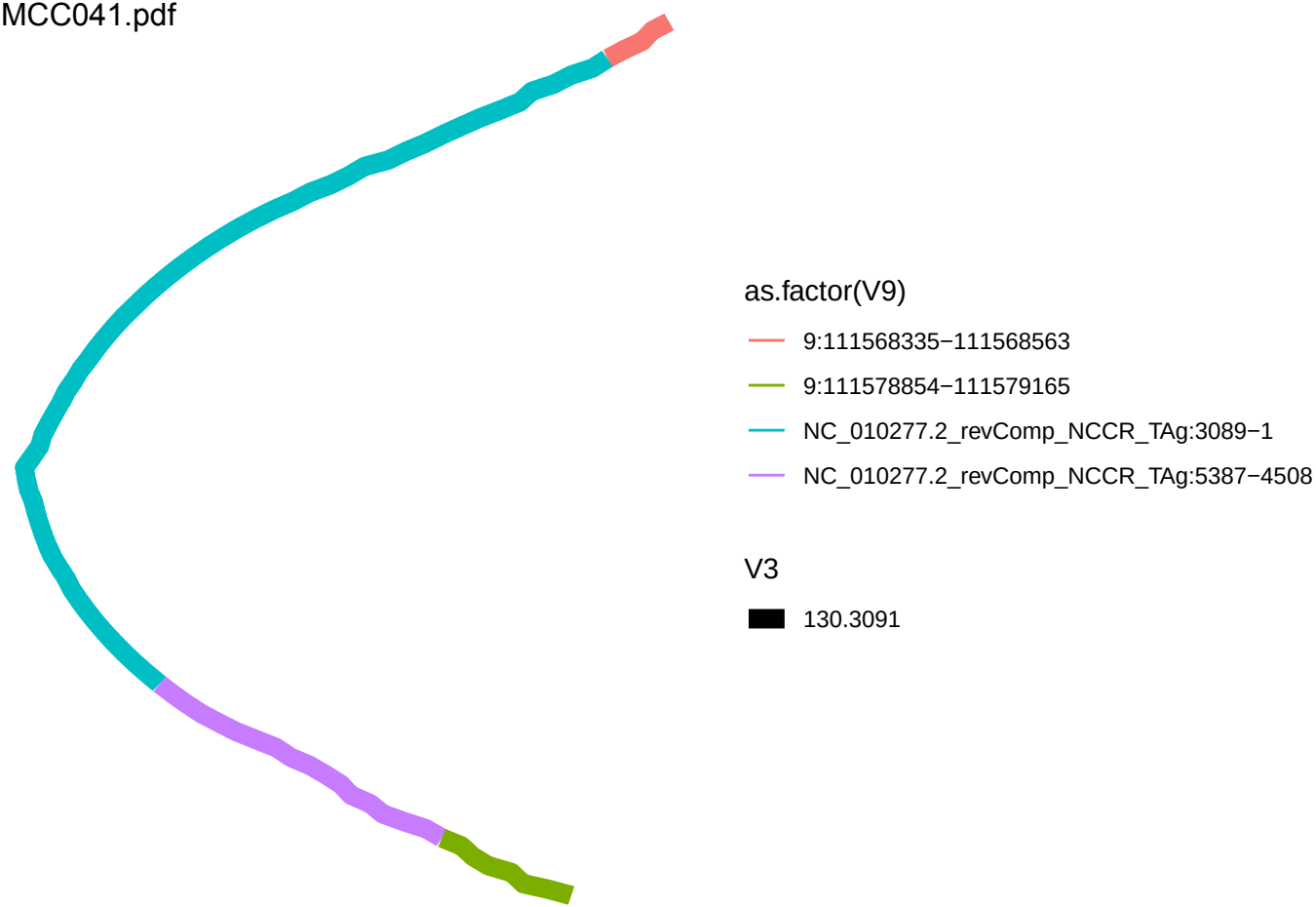
MC2207.pdf

Architecture

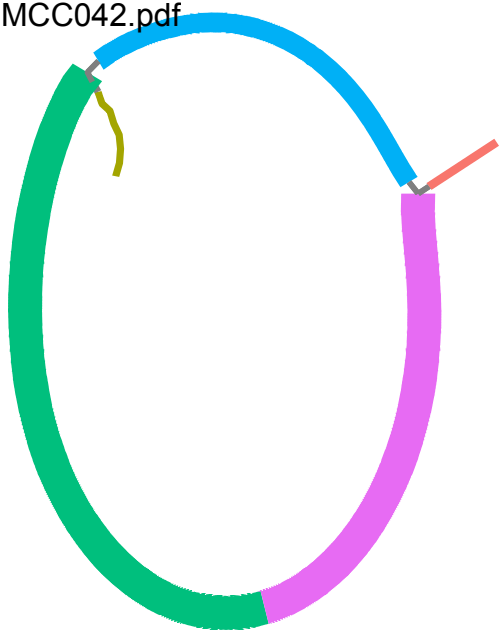


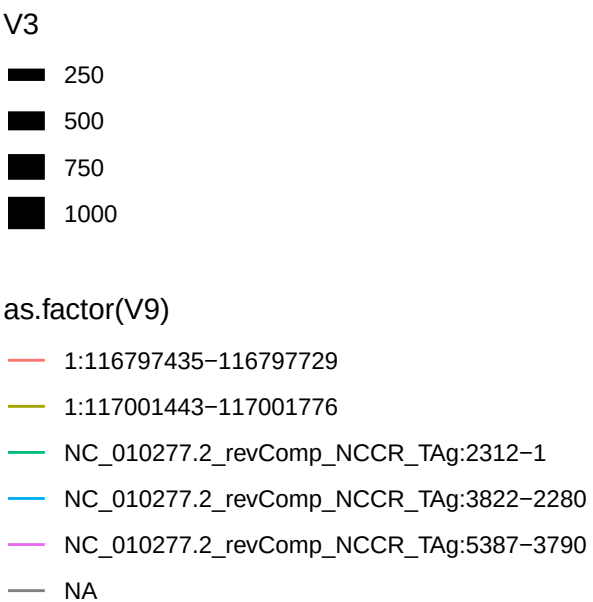

MCC040.pdf
V3
1000
2000
3000
as.factor(V9)
8:28409348−28408988
8:28456970−28457320
NC_010277.2_revComp_NCCR_TAg:108−2017
NC_010277.2_revComp_NCCR_TAg:1963−2017
NC_010277.2_revComp_NCCR_TAg:2309−1963
NC_010277.2_revComp_NCCR_TAg:2309−2683
NC_010277.2_revComp_NCCR_TAg:24−162
NA

MCC041.pdf

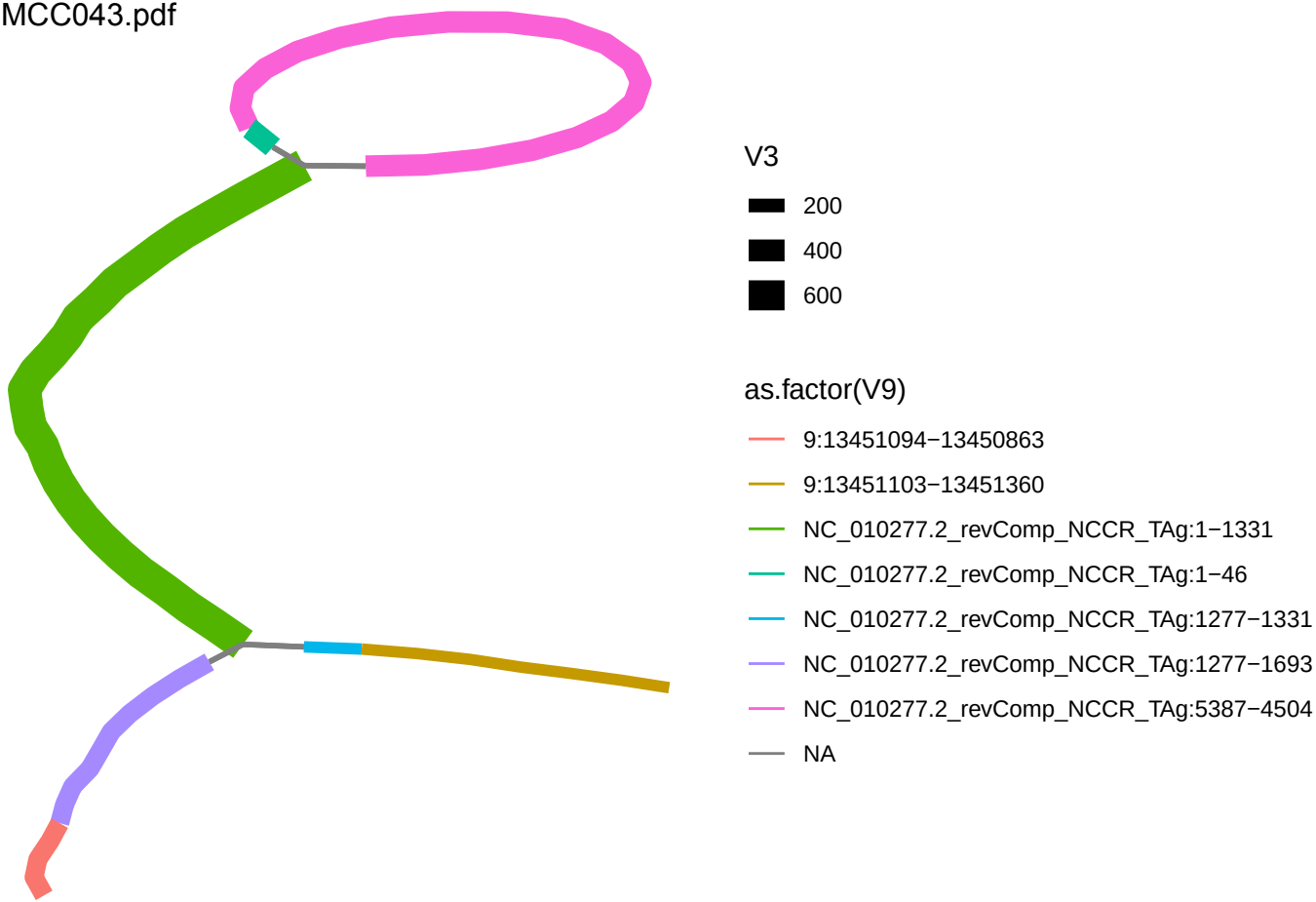

as.factor(V9)
9:111568335−111568563
9:111578854−111579165
NC_010277.2_revComp_NCCR_TAg:3089−1
NC_010277.2_revComp_NCCR_TAg:5387−4508
V3
130.3091

MCC042.pdf




V3
250
500
750
1000
as.factor(V9)
1:116797435−116797729
1:117001443−117001776
NC_010277.2_revComp_NCCR_TAg:2312−1
NC_010277.2_revComp_NCCR_TAg:3822−2280
NC_010277.2_revComp_NCCR_TAg:5387−3790
NA

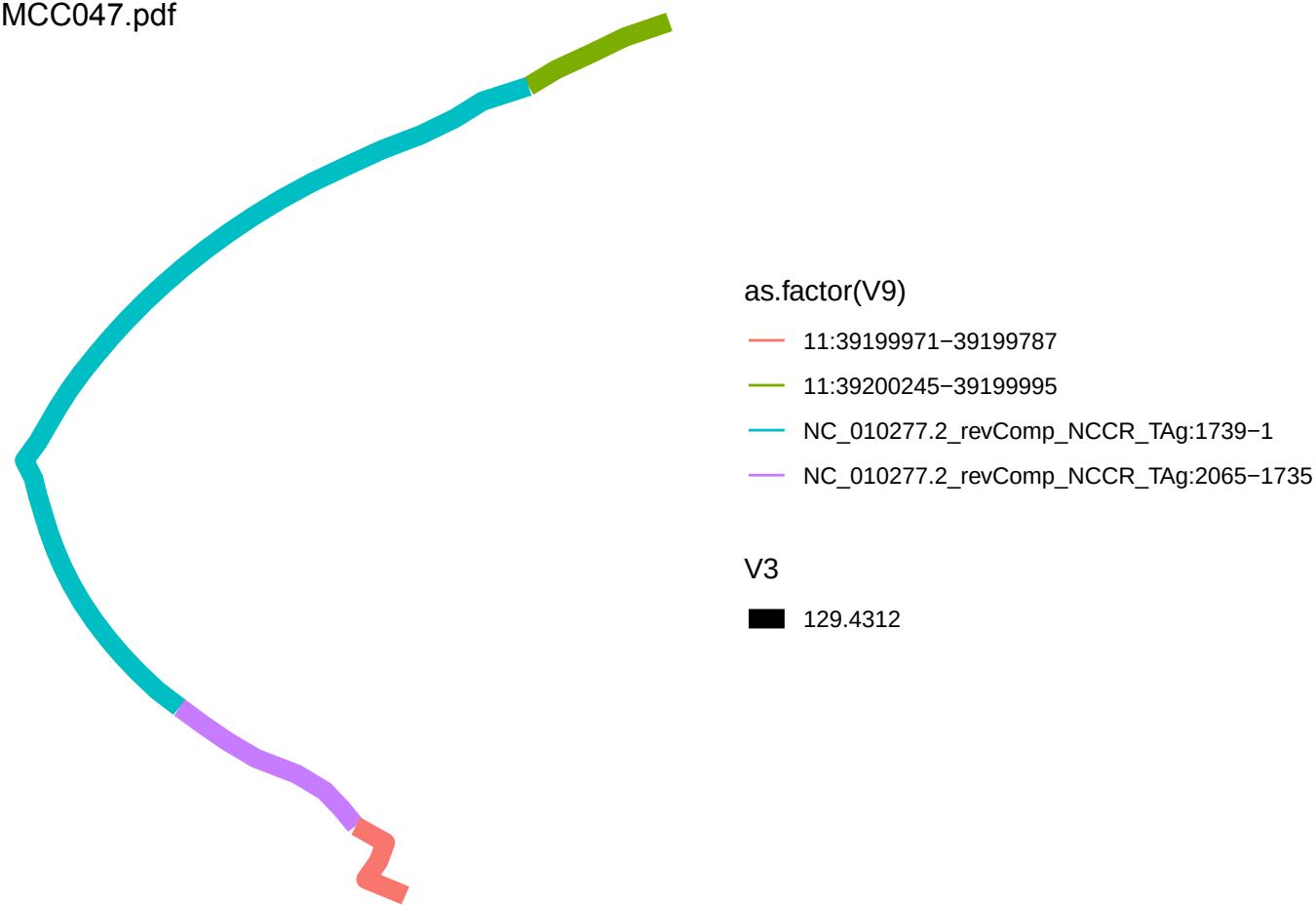
MCC043.pdf


V3
200
400
600
as.factor(V9)
9:13451094−13450863
9:13451103−13451360
NC_010277.2_revComp_NCCR_TAg:1−1331
NC_010277.2_revComp_NCCR_TAg:1−46
NC_010277.2_revComp_NCCR_TAg:1277−1331
NC_010277.2_revComp_NCCR_TAg:1277−1693
NC_010277.2_revComp_NCCR_TAg:5387−4504
NA

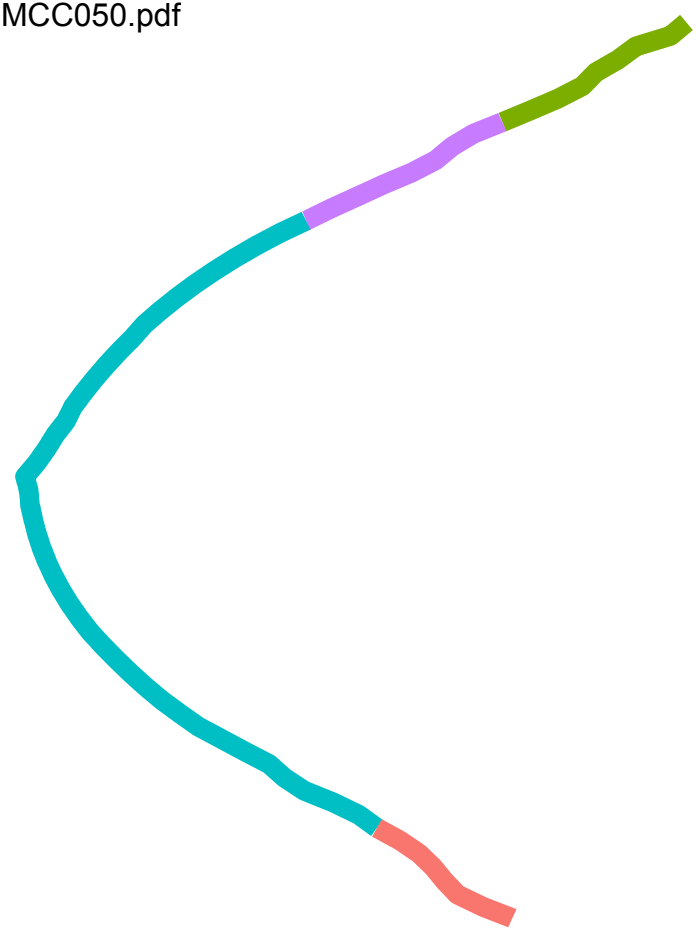
MCC044.pdf

V3
100
200
as.factor(V9)
11:79113263−79113528
11:79113529−79113755
NC_010277.2_revComp_NCCR_TAg:2188−1
NC_010277.2_revComp_NCCR_TAg:2607−2345
NC_010277.2_revComp_NCCR_TAg:5387−2618

MCC047.pdf


as.factor(V9)
11:39199971−39199787
11:39200245−39199995
NC_010277.2_revComp_NCCR_TAg:1739−1
NC_010277.2_revComp_NCCR_TAg:2065−1735
V3
129.4312

MCC050.pdf



V3

470.3684

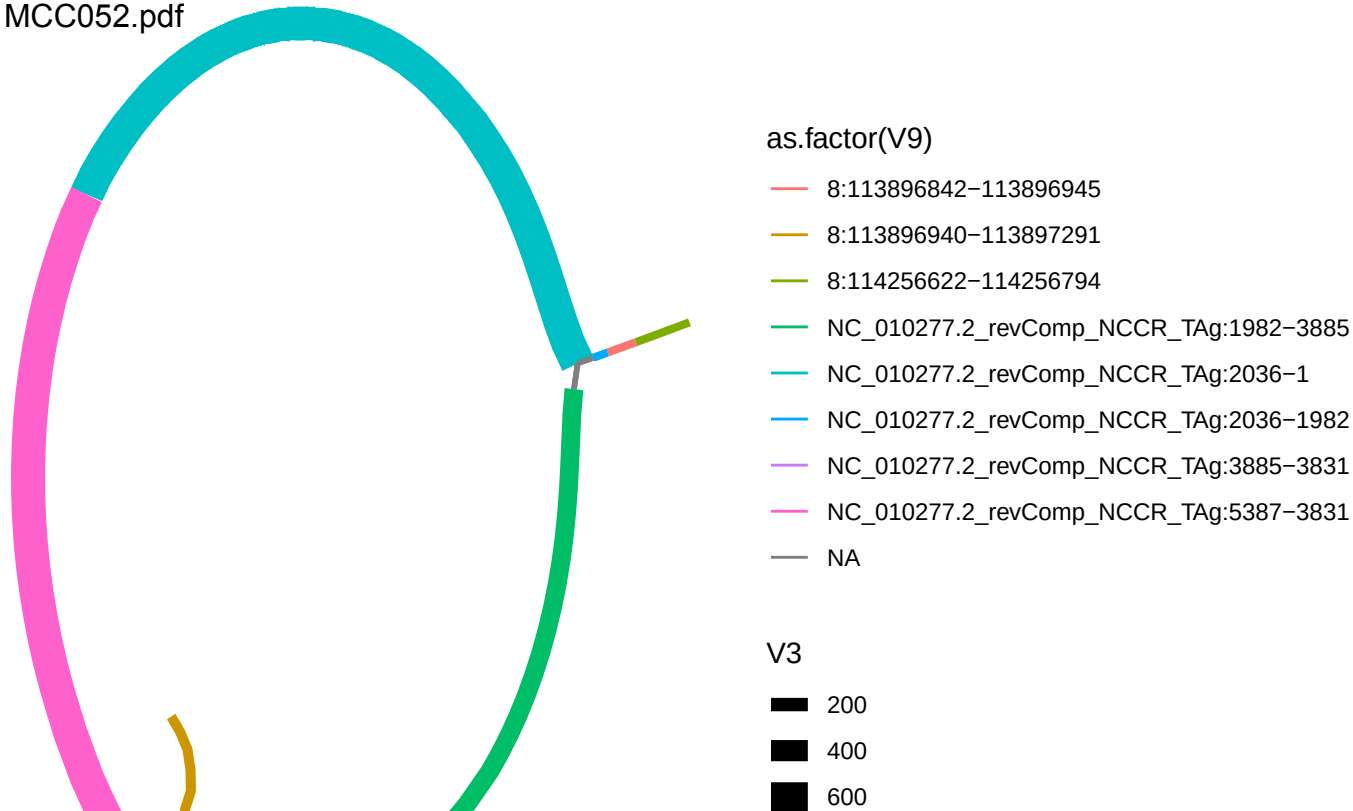
as.factor(V9)

6:51146411−51146042

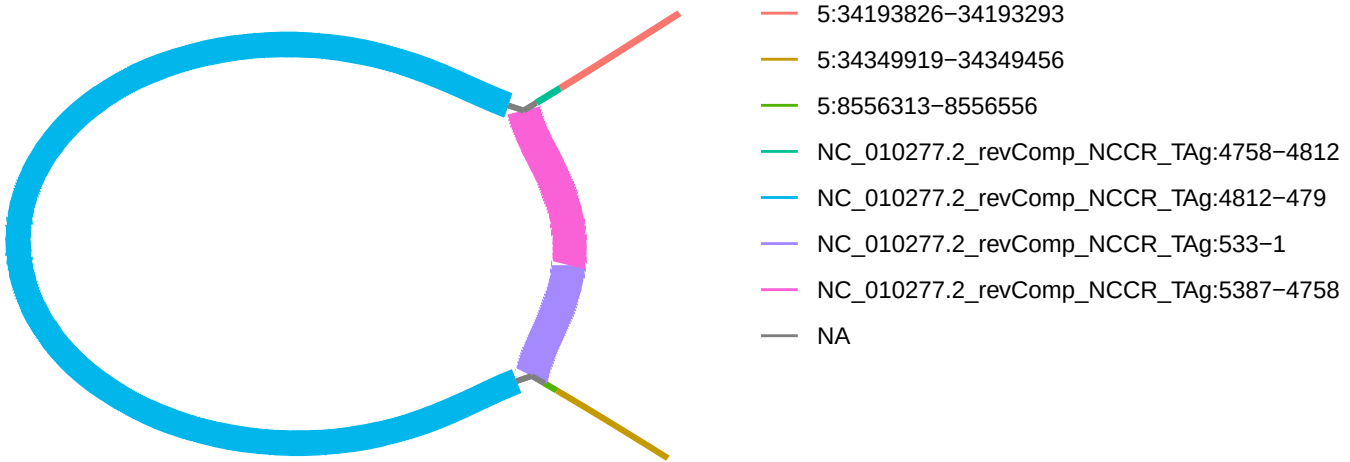
6:51146791−51146421

NC_010277.2_revComp_NCCR_TAg:1−2176

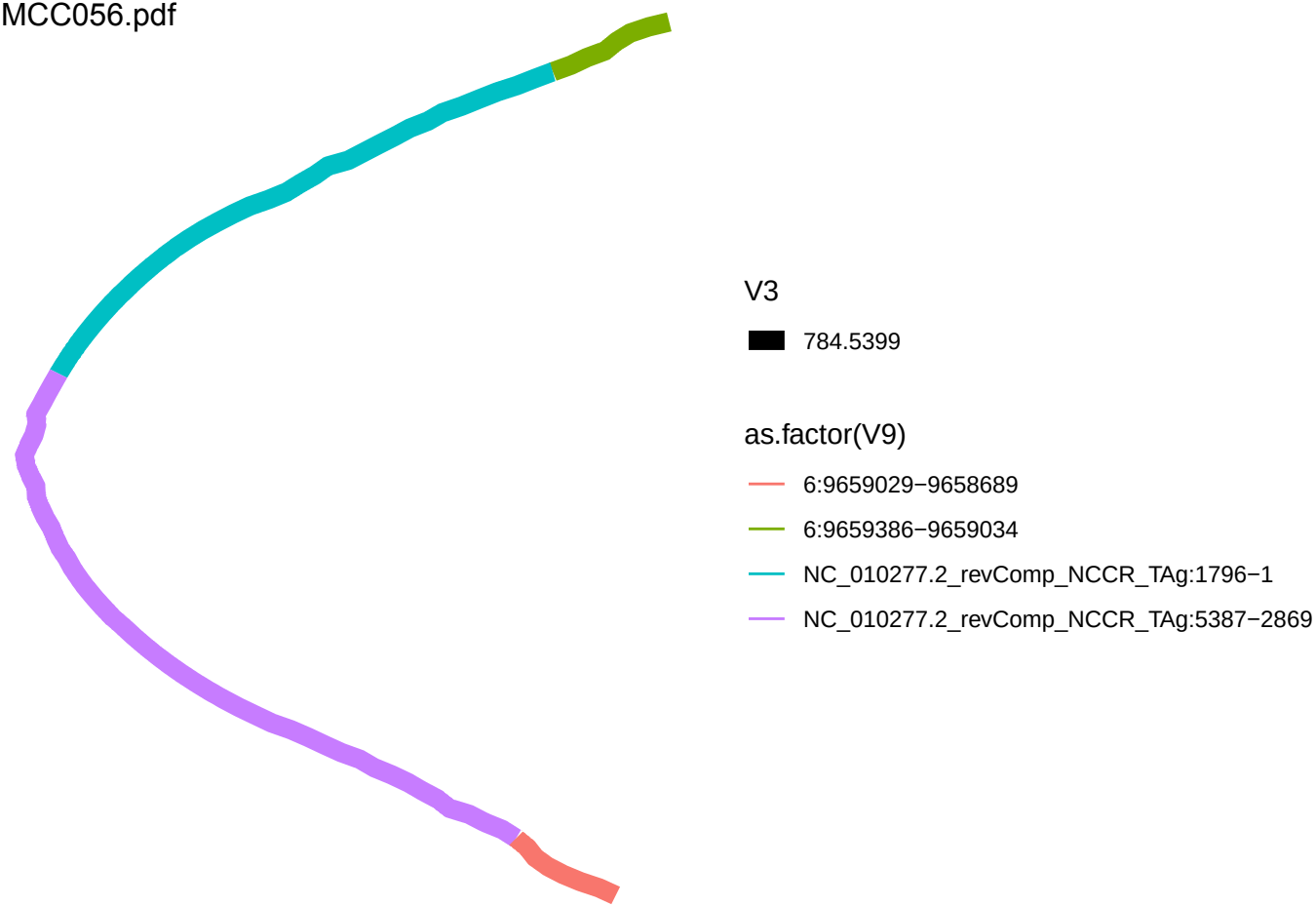
NC_010277.2_revComp_NCCR_TAg:4978−5387

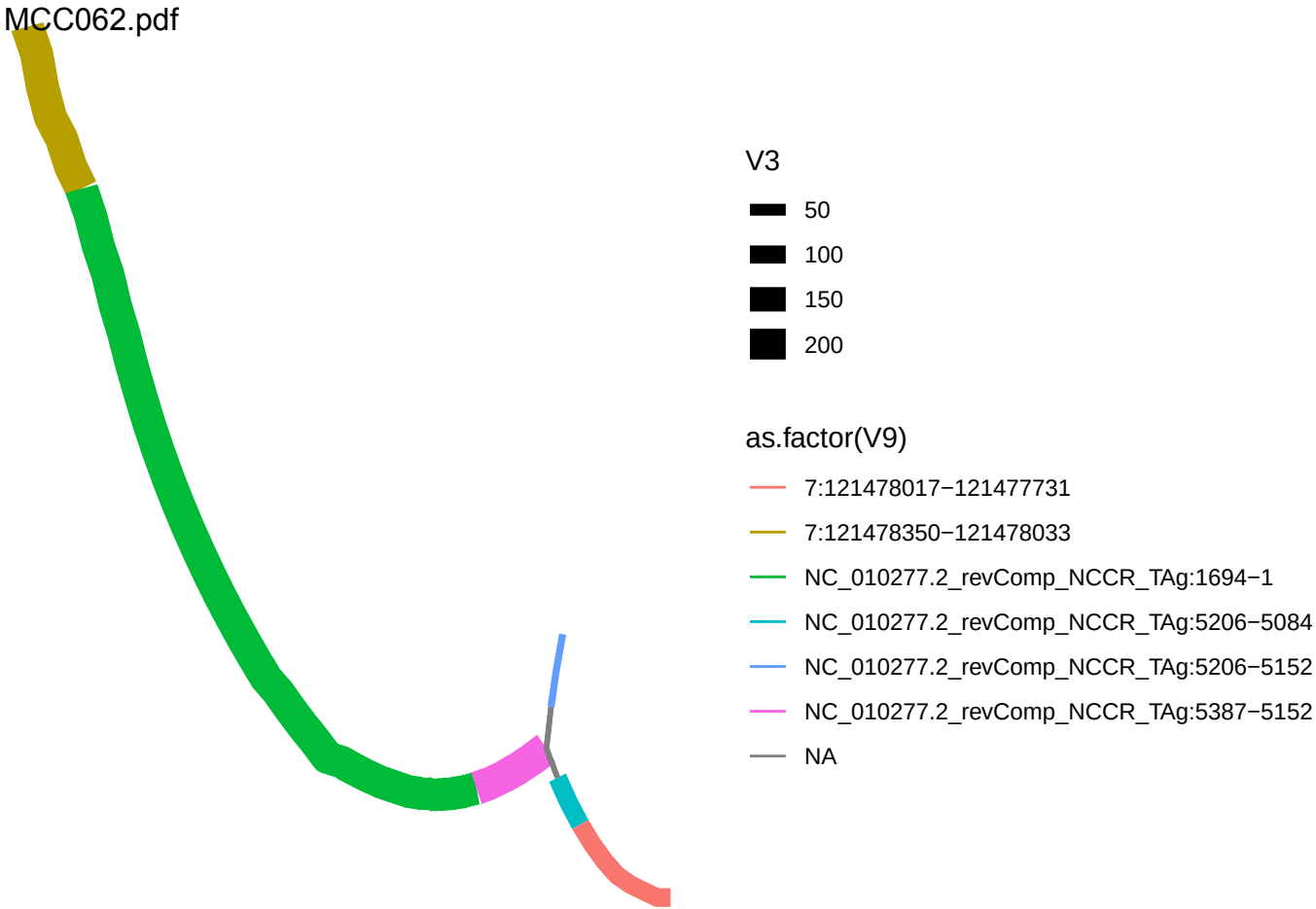

MCC052.pdf
as.factor(V9)
8:113896842−113896945
8:113896940−113897291
8:114256622−114256794
NC_010277.2_revComp_NCCR_TAg:1982−3885
NC_010277.2_revComp_NCCR_TAg:2036−1
NC_010277.2_revComp_NCCR_TAg:2036−1982
NC_010277.2_revComp_NCCR_TAg:3885−3831
NC_010277.2_revComp_NCCR_TAg:5387−3831
NA
V3
200
400
600

MCC054.pdf

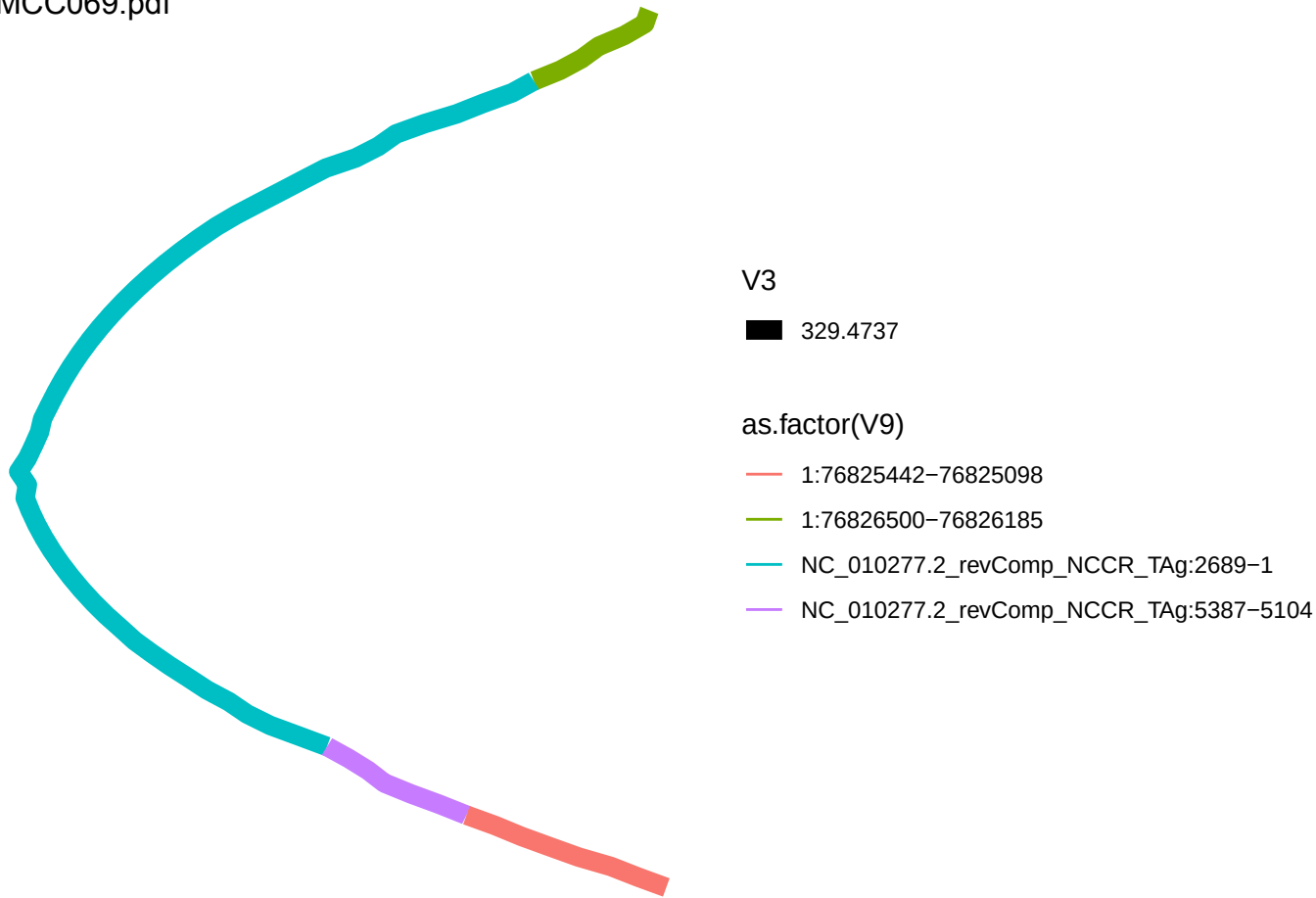

V3
250
500
750
1000
as.factor(V9)
5:34193826−34193293
5:34349919−34349456
5:8556313−8556556
NC_010277.2_revComp_NCCR_TAg:4758−4812
NC_010277.2_revComp_NCCR_TAg:4812−479
NC_010277.2_revComp_NCCR_TAg:533−1
NC_010277.2_revComp_NCCR_TAg:5387−4758
NA

MCC056.pdf

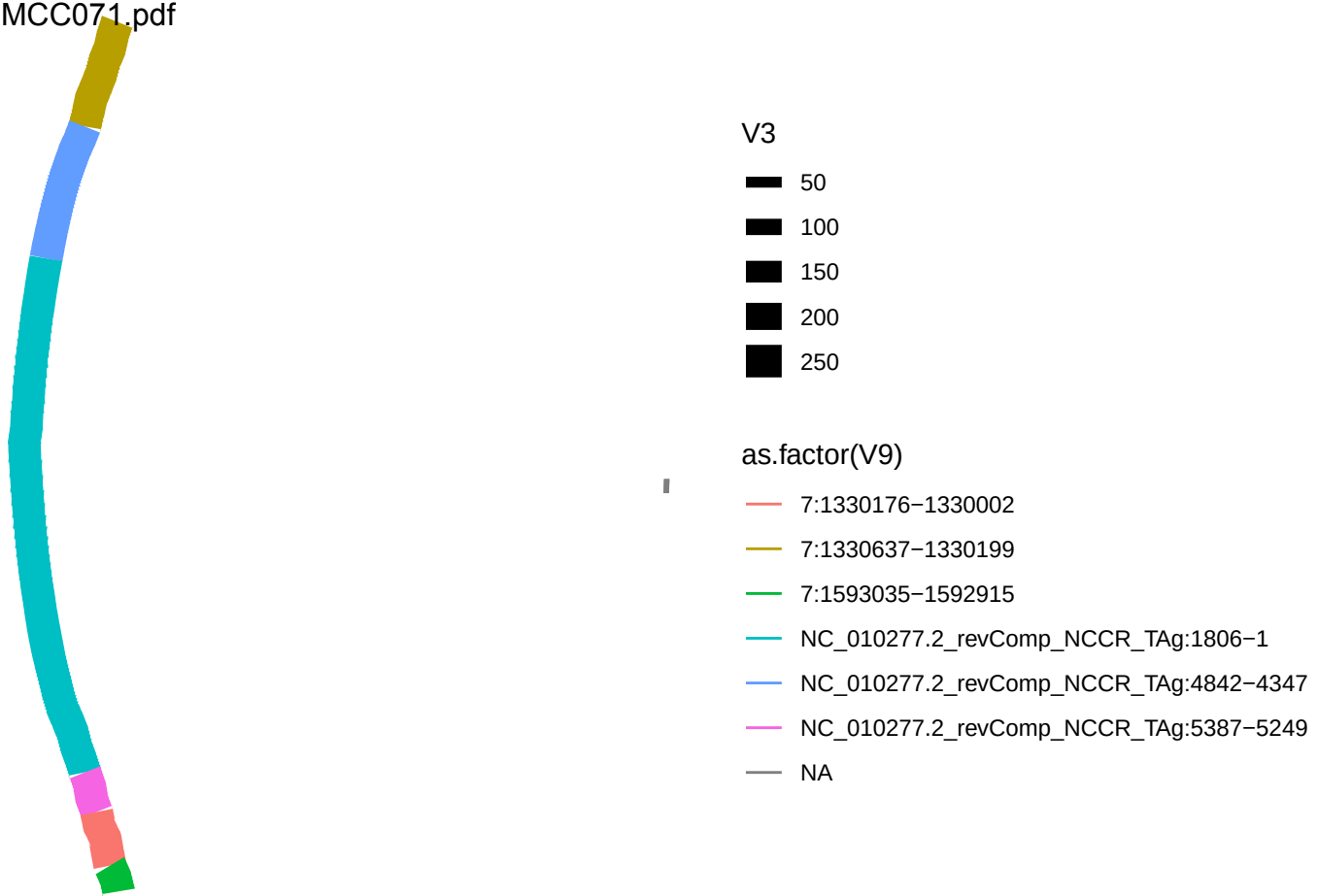

V3
784.5399
as.factor(V9)
6:9659029−9658689
6:9659386−9659034
NC_010277.2_revComp_NCCR_TAg:1796−1
NC_010277.2_revComp_NCCR_TAg:5387−2869


MCC062.pdf
V3
50
100
150
200
as.factor(V9)
7:121478017−121477731
7:121478350−121478033
NC_010277.2_revComp_NCCR_TAg:1694−1
NC_010277.2_revComp_NCCR_TAg:5206−5084
NC_010277.2_revComp_NCCR_TAg:5206−5152
NC_010277.2_revComp_NCCR_TAg:5387−5152
NA

MCC069.pdf


V3
329.4737
as.factor(V9)
1:76825442−76825098
1:76826500−76826185
NC_010277.2_revComp_NCCR_TAg:2689−1
NC_010277.2_revComp_NCCR_TAg:5387−5104

MCC071.pdf


V3
50
100
150
200
250
as.factor(V9)
7:1330176−1330002
7:1330637−1330199
7:1593035−1592915
NC_010277.2_revComp_NCCR_TAg:1806−1
NC_010277.2_revComp_NCCR_TAg:4842−4347
NC_010277.2_revComp_NCCR_TAg:5387−5249
NA