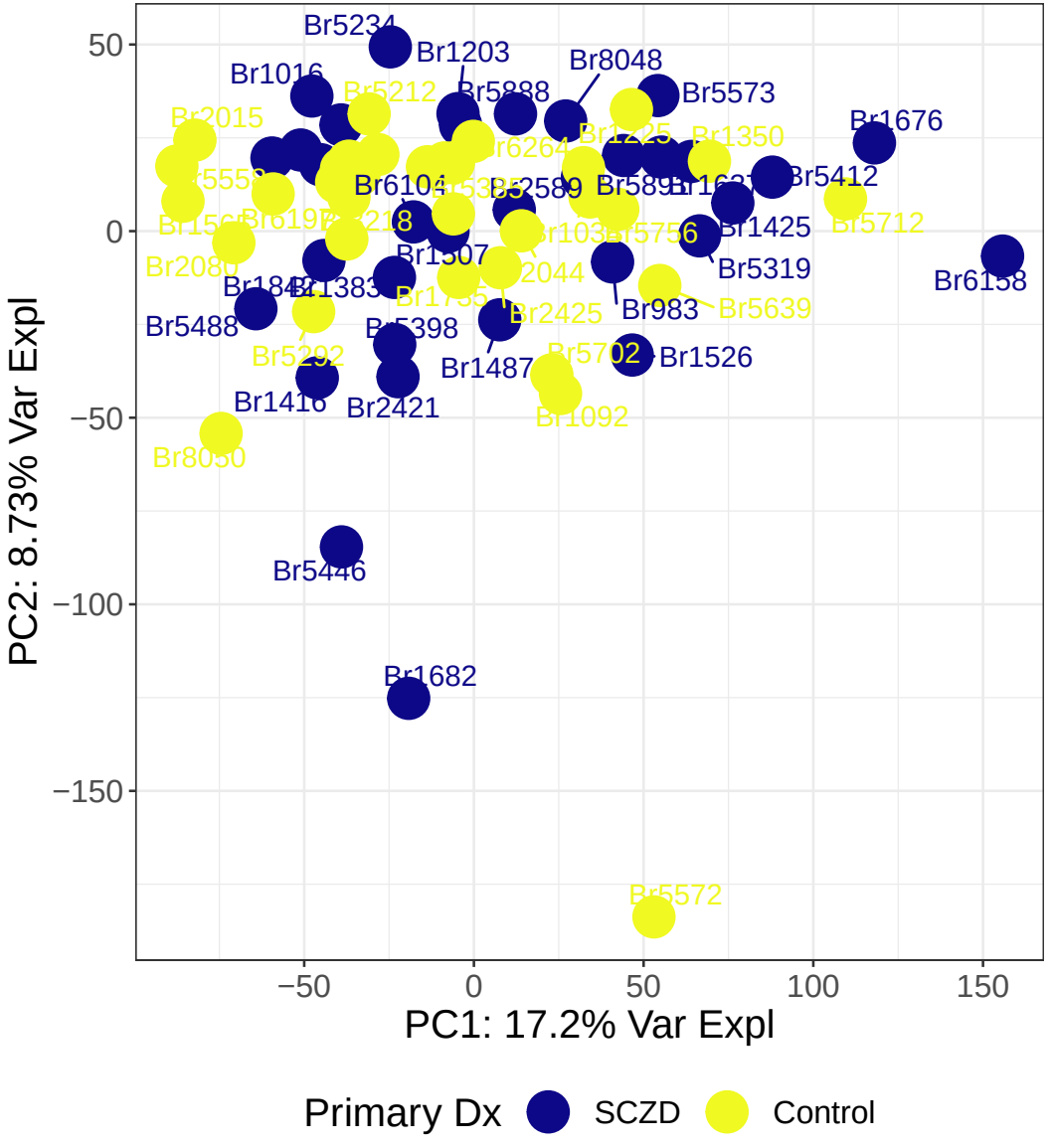
PC2: 8.73% Var Expl
PC1: 17.2% Var Expl
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0
−50
−100
−150
−50
0
50
100
150
Br5234
Br1203
Br8048
Br1016
Br5212
Br5888
Br5573
Br2015
Br1676
Br1350
Br5412
Br6104
Br5712
Br1425
Br5319
Br6158
Br5639
Br983
Br5488
Br5398
Br2425
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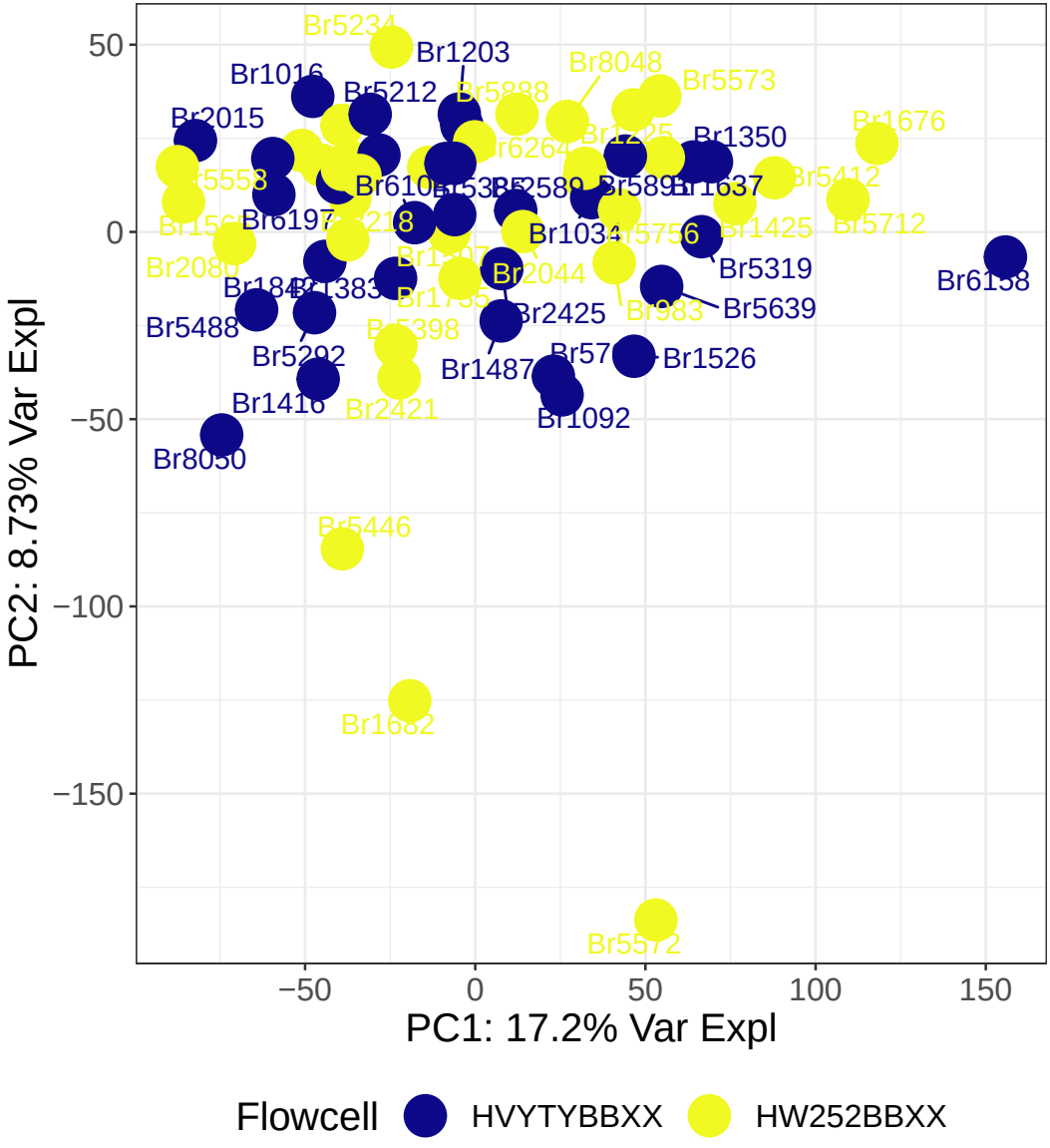
Br5446
Br1682
Br5572
Primary Dx
SCZD
Control


PC2: 8.73% Var Expl
PC1: 17.2% Var Expl
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−100
−150
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0
50
100
150
Br5234
Br1203
Br8048
Br5573
Br1016
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Br2015
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Br1350
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Br1425
Br5712
Br5319
Br6158
Br5639
Br2044
Br2425
Br5488
Br5292
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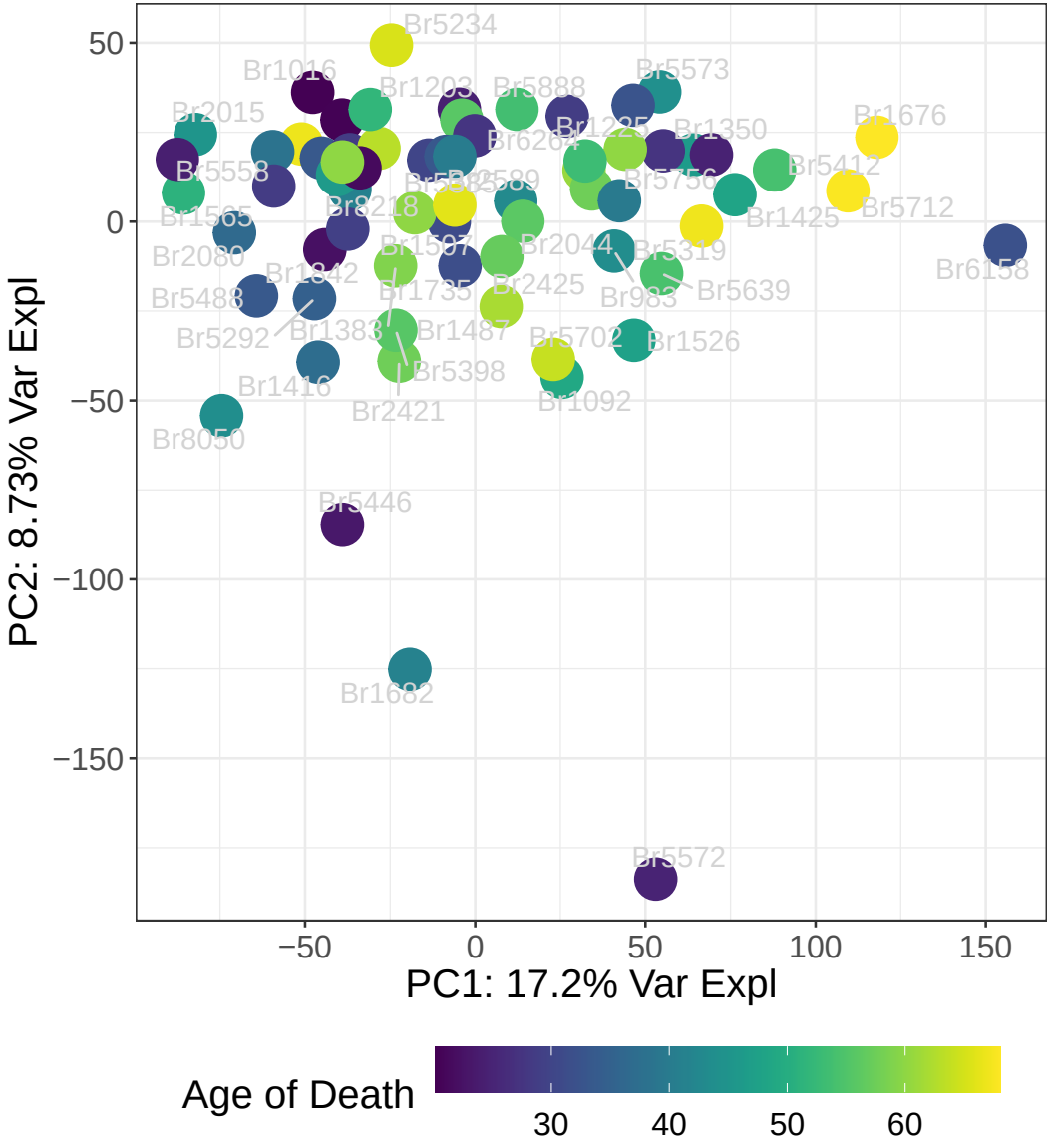
Flowcell
HVYTYBBXX
HW252BBXX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Br2015
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Br1565
Br2080
Br2044
Br5319
Br6158
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Br2425
Br983
Br5639
Br5292
Br1487
Br5702
Br1526
Br5398
Br1416
Br1092
Br2421
Br8050
Br5446
Br1682
Br5572
50
0
−50
−100
−150
−50
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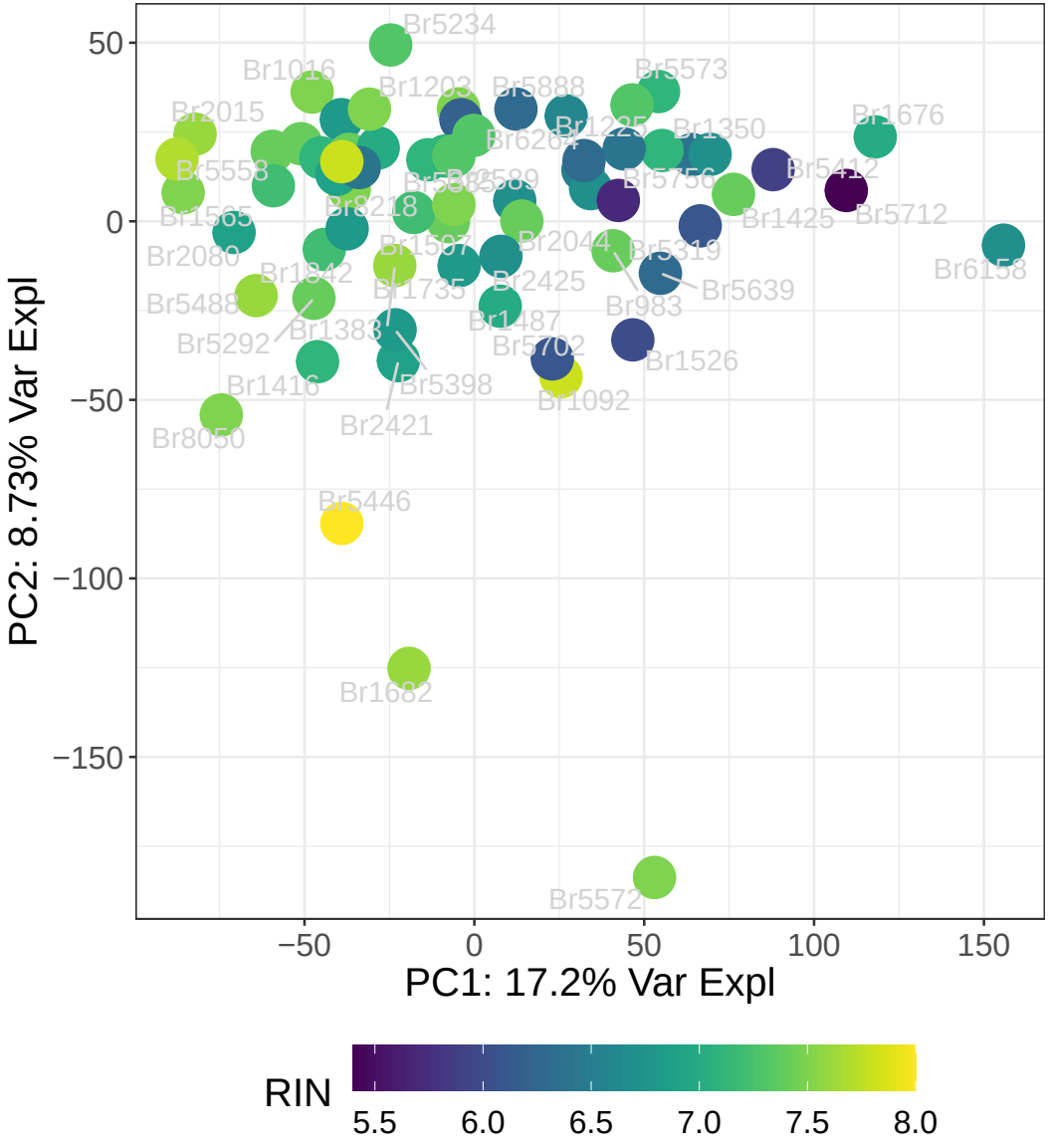
50
100
150
PC2: 8.73% Var Expl
PC1: 17.2% Var Expl
Age of Death
30
40
50
60


PC2: 8.73% Var Expl
PC1: 17.2% Var Expl
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0
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−100
−150
−50
0
50
100
150
Br5234
Br1016
Br1203
Br5888
Br5573
Br2015
Br1676
Br6264
Br1225
Br1350
Br5558
Br5412
Br5756
Br1565
Br8218
Br1425
Br5712
Br2080
Br1597
Br2044
Br5319
Br6158
Br1842
Br1735
Br2425
Br5639
Br5488
Br983
Br1487
Br1383
Br5292
Br5702
Br1526
Br1416
Br5398
Br1092
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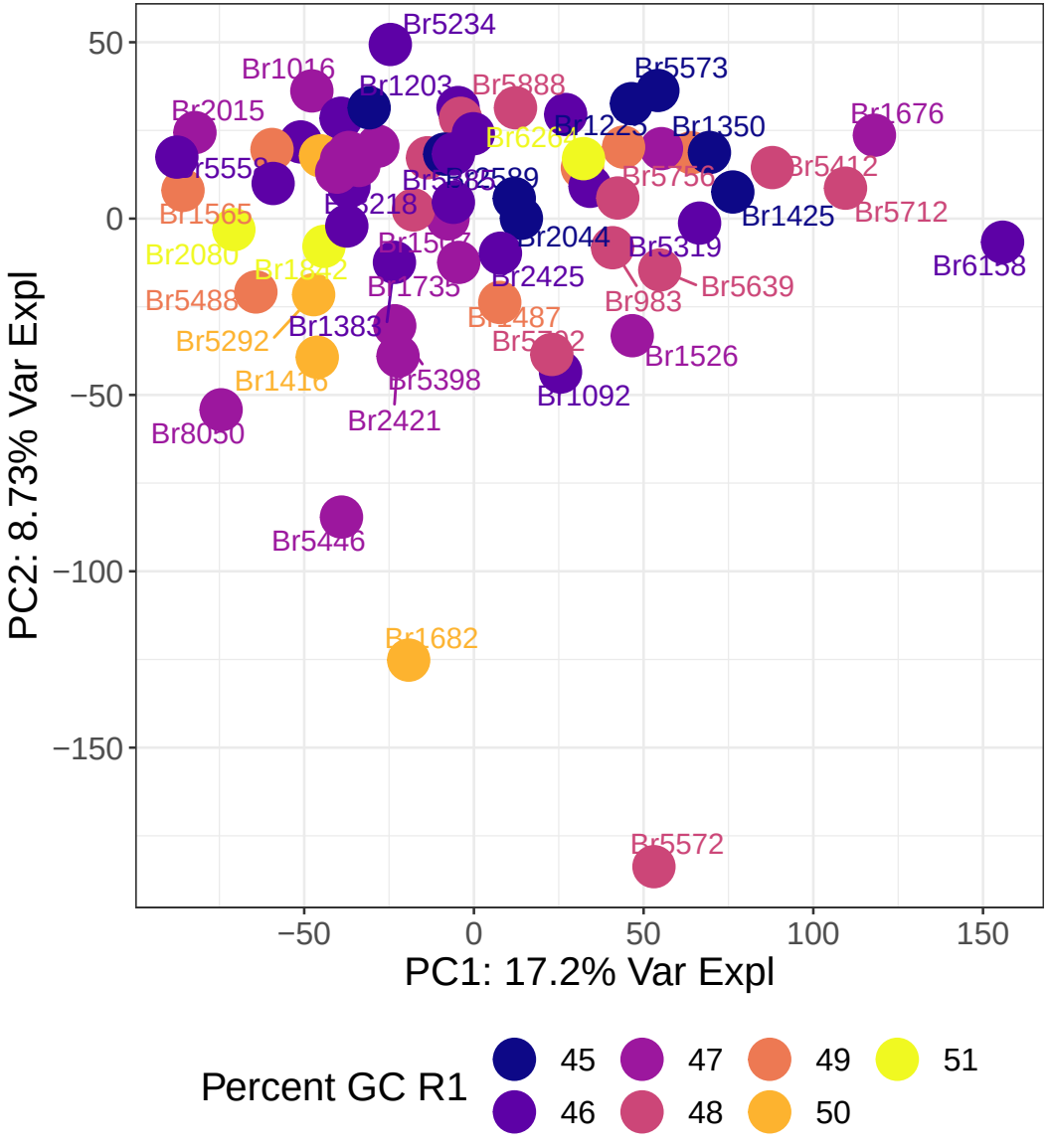
Br1682
Br5572
RIN
5.5
6.0
6.5
7.0
7.5
8.0


PC2: 8.73% Var Expl
PC1: 17.2% Var Expl
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0
−50
−100
−150
−50
0
50
100
150
Br5234
Br1016
Br1203
Br5888
Br5573
Br2015
Br1676
Br1350
Br5412
Br5712
Br1425
Br1565
Br2044
Br5319
Br6158
Br2080
Br2425
Br5639
Br983
Br5488
Br1735
Br1383
Br5292
Br1526
Br1416
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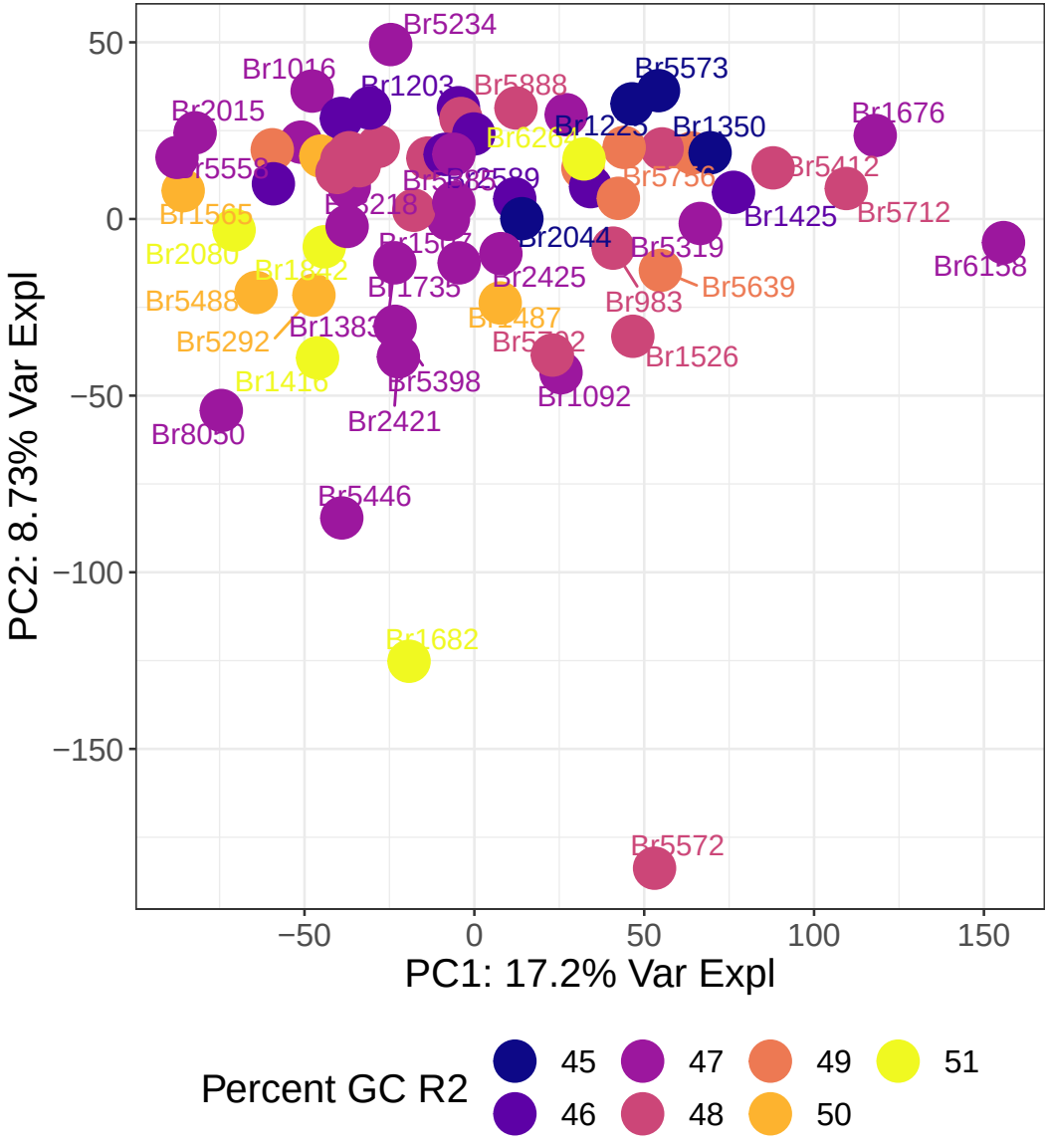
Br1092
Br2421
Br8050
Br5446
Br1682
Br5572
Percent GC R1
45
46
47
48
49
50
51


PC2: 8.73% Var Expl
PC1: 17.2% Var Expl
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−50
−100
−150
−50
0
50
100
150
Br5234
Br1016
Br1203
Br5888
Br5573
Br2015
Br1223
Br1350
Br1676
Br5412
Br5712
Br1425
Br1565
Br2044
Br5319
Br6158
Br2080
Br2425
Br5639
Br5488
Br1735
Br983
Br5292
Br1526
Br1416
Br5398
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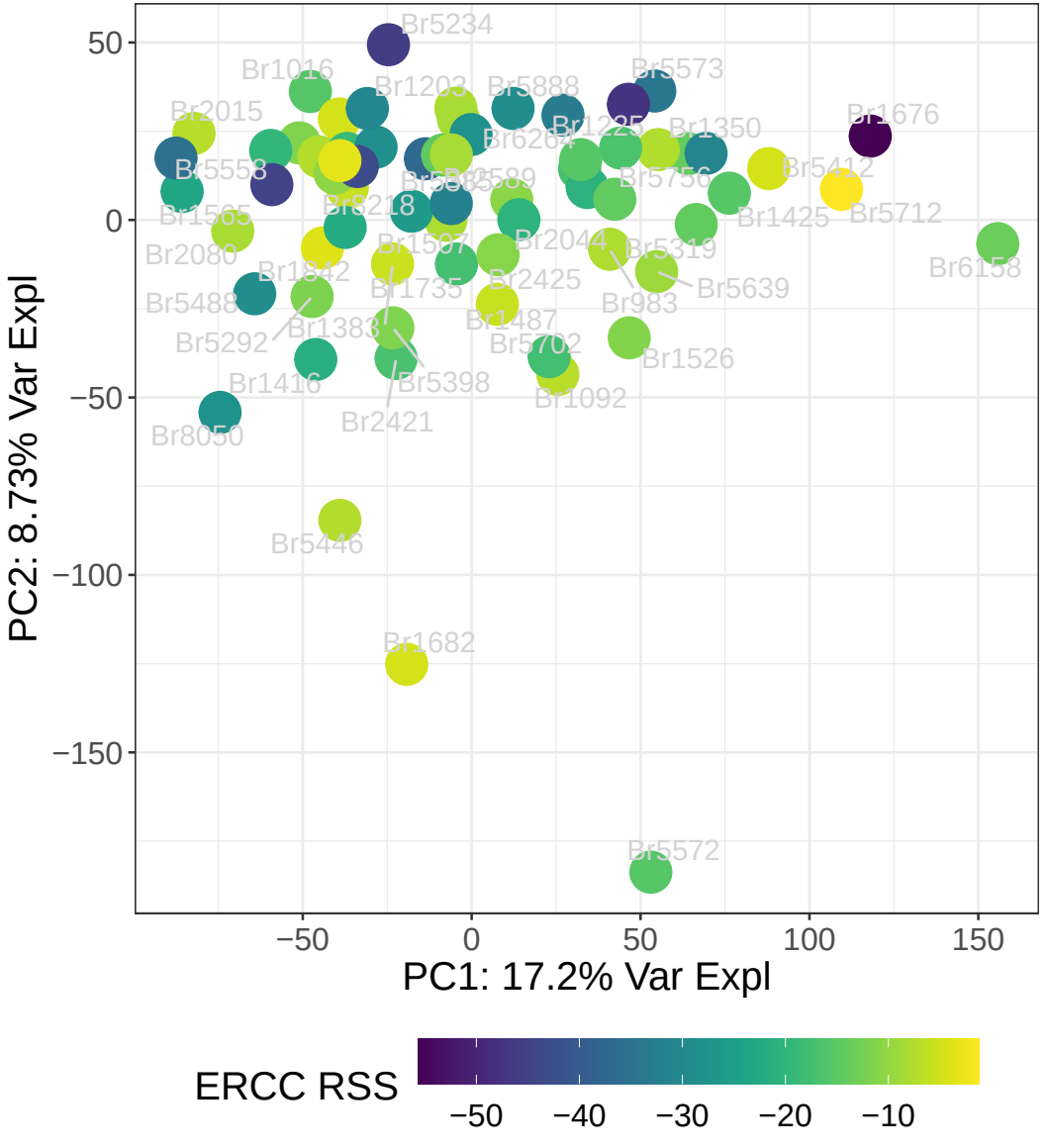
Br8050
Br5446
Br1682
Br5572
Percent GC R2
45
46
47
48
49
50
51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Br2015
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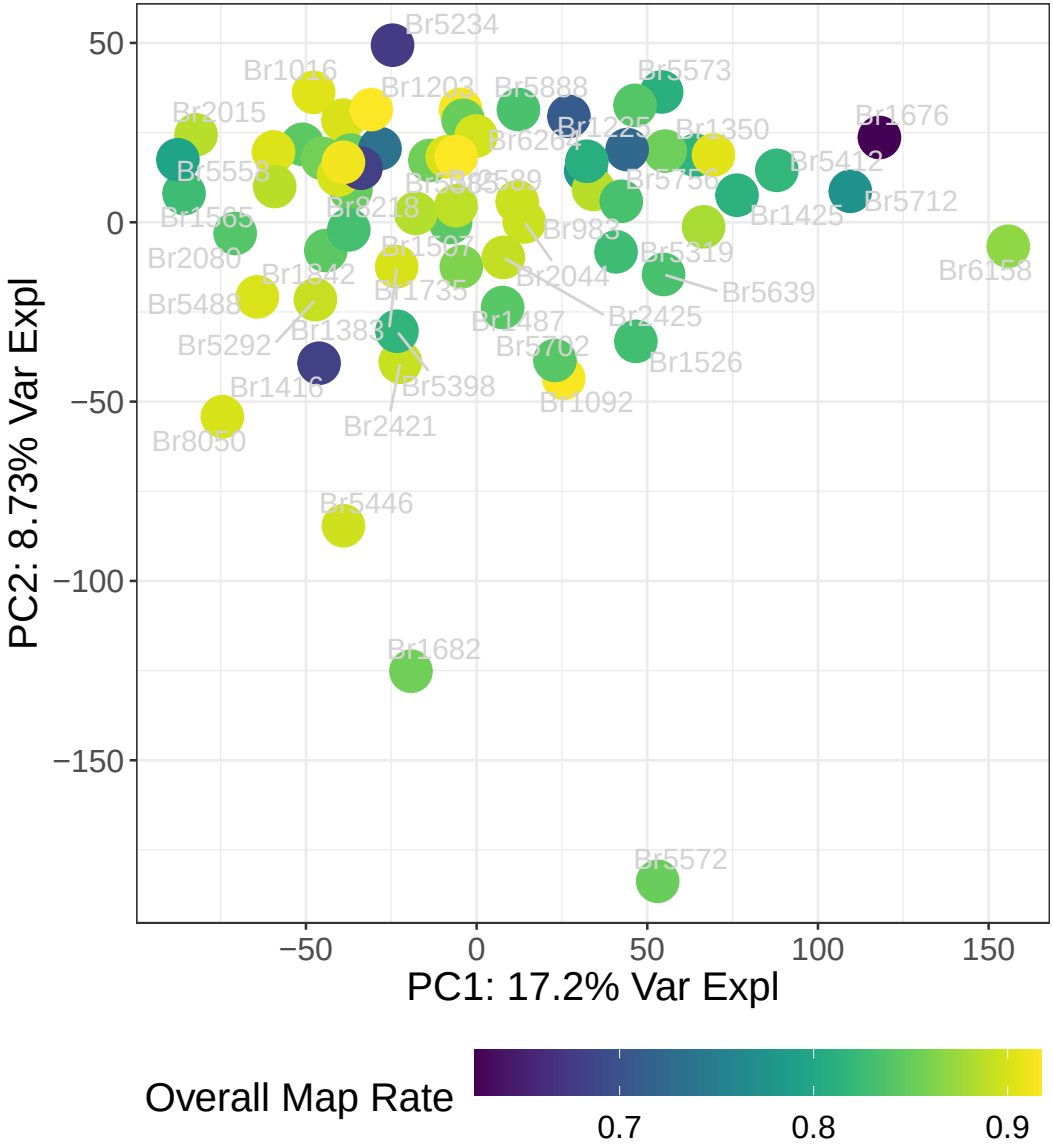
Br1425
Br1565
Br2080
Br2044
Br5319
Br6158
Br1842
Br1735
Br2425
Br5639
Br5488
Br983
Br1487
Br5292
Br1383
Br5702
Br1526
Br1416
Br5398
Br1092
Br8050
Br2421
Br5446
Br1682
Br5572
50
0
−50
−100
−150
−50
0
50
100
150
PC2: 8.73% Var Expl
PC1: 17.2% Var Expl
ERCC RSS
−50
−40
−30
−20
−10


Br5234
Br1016
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Br2015
Br1225
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Br1676
Br6264
Br5553
Br5412
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Br5712
Br1565
Br8218
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Br983
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Br1842
Br2044
Br5639
Br5488
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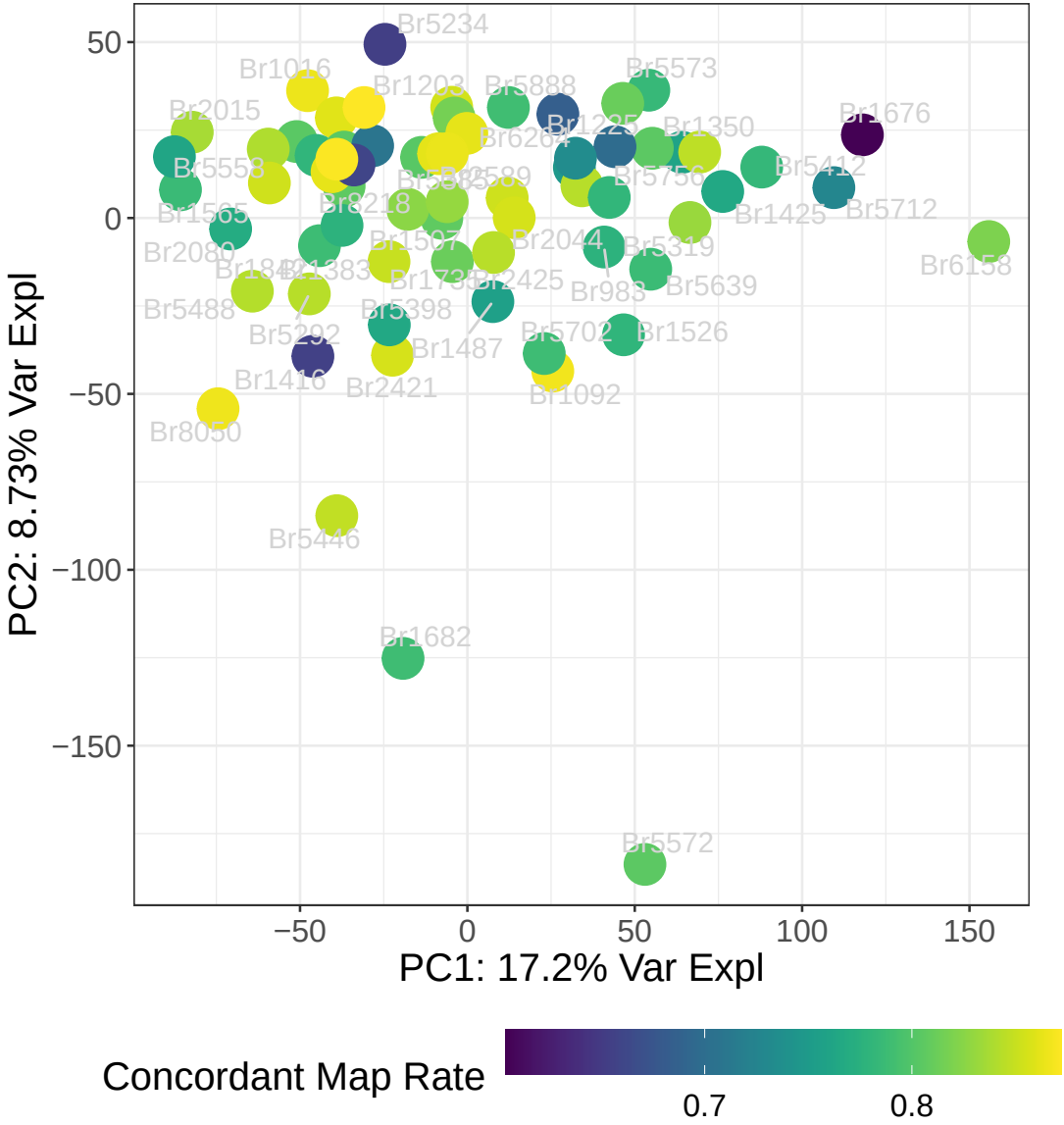
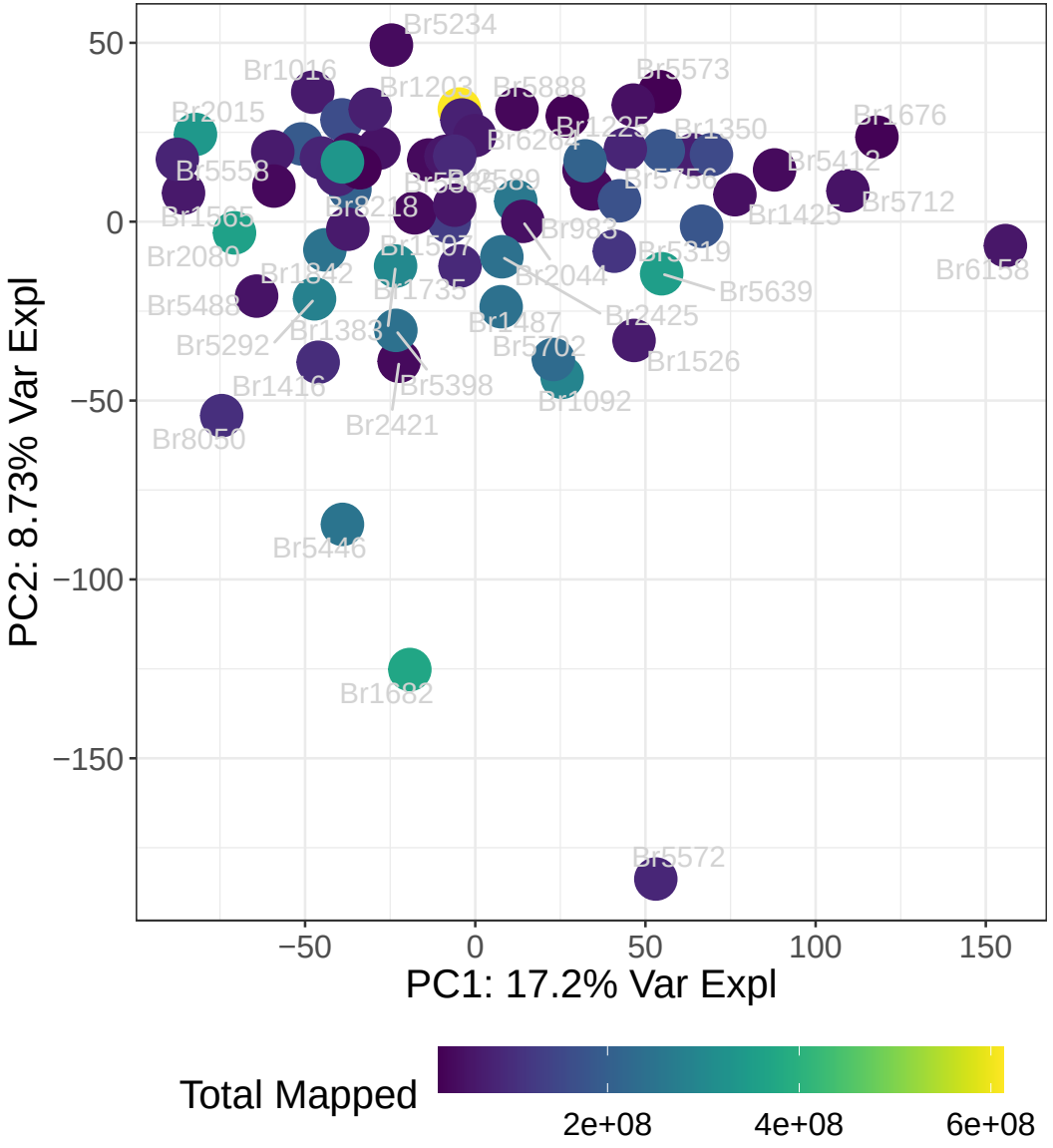
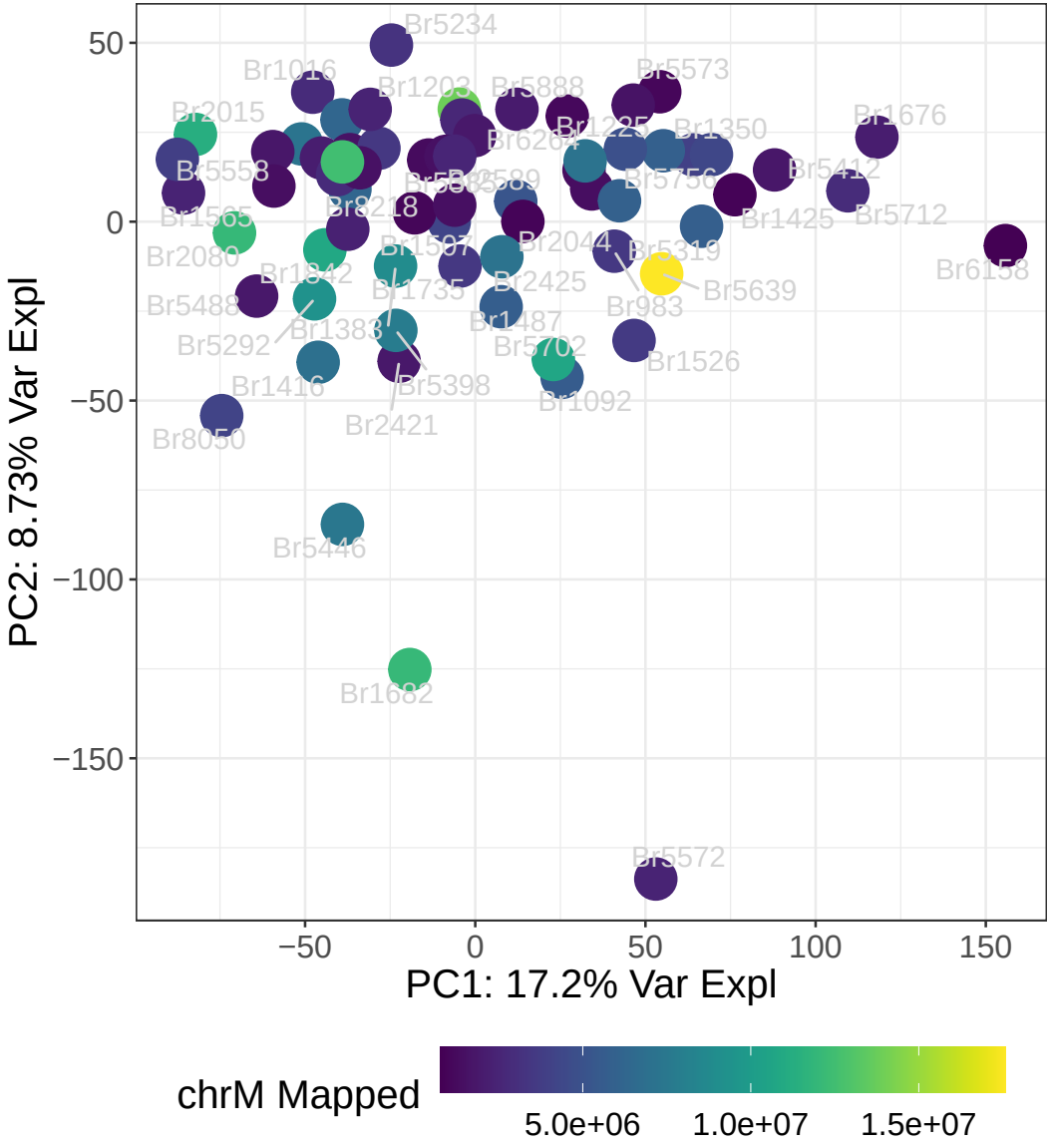
Br1487
Br1383
Br5292
Br5702
Br1526
Br1416
Br5398
Br1092
Br2421
Br8050
Br5446
Br1682
Br5572
50
0
−50
−100
−150
−50
0
50
100
150
PC2: 8.73% Var Expl
PC1: 17.2% Var Expl
Overall Map Rate
0.7
0.8
0.9


Br5234
Br1016
Br1203
Br5888
Br5573
Br2015
Br1676
Br1350
Br5412
Br5712
Br1425
Br6158
Br2044
Br5319
Br983
Br5639
Br5488
Br5398
Br5702
Br1526
Br1487
Br1416
Br2421
Br1092
Br8050
Br5446
Br1682
Br5572
50
0
−50
−100
−150
−50
0
50
100
150
PC2: 8.73% Var Expl
PC1: 17.2% Var Expl
Concordant Map Rate
0.7
0.8


PC2: 8.73% Var Expl
PC1: 17.2% Var Expl
50
0
−50
−100
−150
−50
0
50
100
150
Br5234
Br1016
Br1203
Br5888
Br5573
Br2015
Br1676
Br1350
Br5558
Br5412
Br5712
Br1425
Br8218
Br1565
Br2080
Br1842
Br5319
Br6158
Br5639
Br5488
Br2425
Br1383
Br5292
Br1526
Br1416
Br5398
Br1092
Br2421
Br8050
Br5446
Br1682
Br5572
Total Mapped
2e+08
4e+08
6e+08


Br5234
Br1016
Br1203
Br5888
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Br2015
Br1676
Br1350
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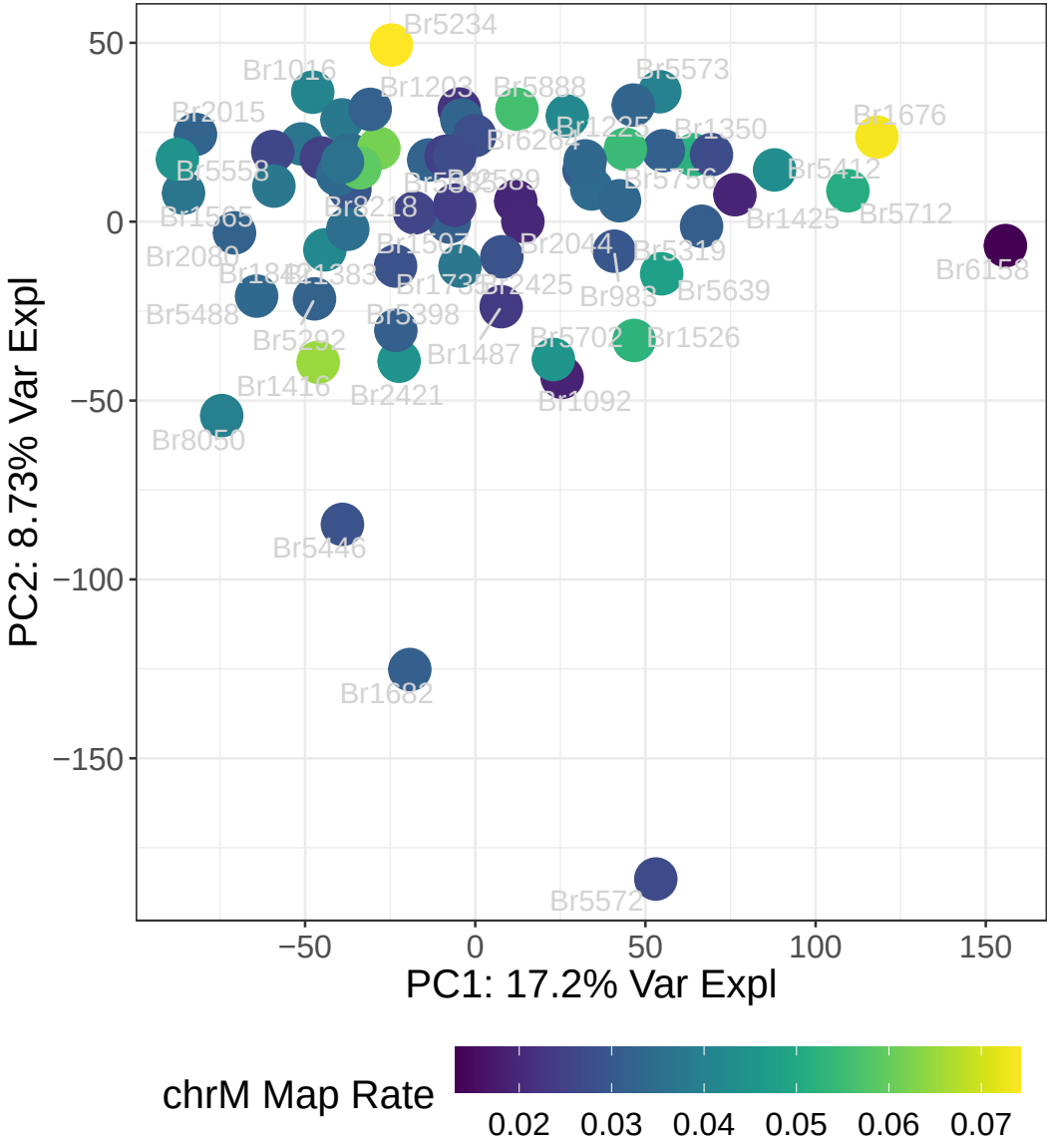
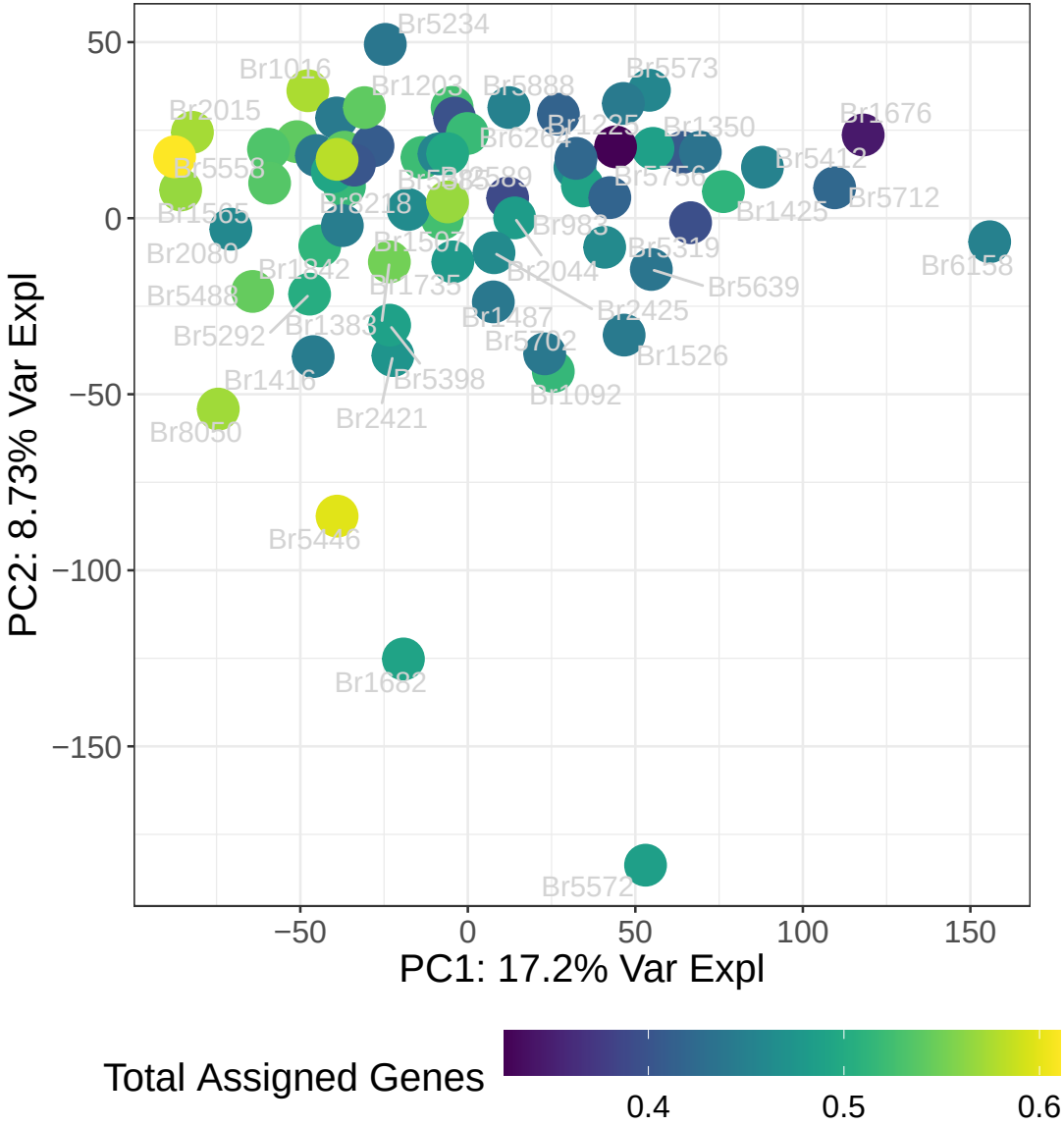
Br2080
Br2044
Br5319
Br6158
Br1842
Br2425
Br5639
Br5488
Br983
Br1383
Br5292
Br5702
Br1526
Br1416
Br5398
Br1092
Br2421
Br8050
Br5446
Br1682
Br5572
50
0
−50
−100
−150
−50
0
50
100
150
PC2: 8.73% Var Expl
PC1: 17.2% Var Expl
chrM Mapped
5.0e+06
1.0e+07
1.5e+07



chrM Map Rate

0.02 0.03 0.04 0.05 0.06 0.07


Br5234
Br1016
Br1203
Br5888
Br5573
Br2015
Br1676
Br1350
Br5412
Br5558
Br5712
Br1565
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Br1425
Br2080
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Br2425
Br5292
Br1383
Br5702
Br1526
Br1416
Br5398
Br1092
Br8050
Br2421
Br5446
Br1682
Br5572
50
0
−50
−100
−150
−50
0
50
100
150
PC1: 17.2% Var Expl
PC2: 8.73% Var Expl
Total Assigned Genes
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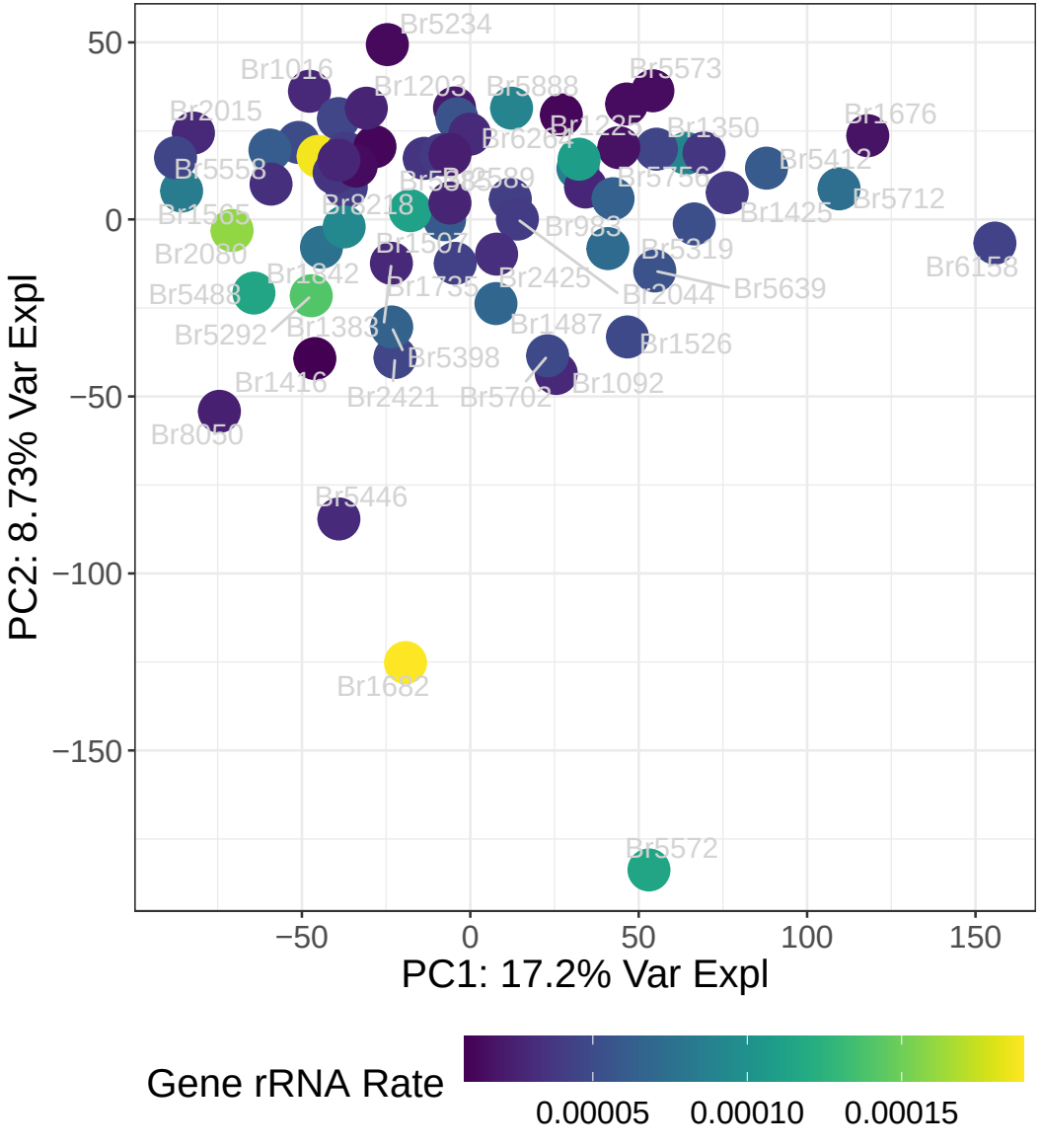
0.6


Br5234
Br1016
Br1203
Br5888
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Br2015
Br1676
Br1350
Br5412
Br5558
Br5712
Br1425
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Br2080
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Br1487
Br1526
Br5398
Br1416
Br2421
Br5702
Br1092
Br8050
Br5446
Br1682
Br5572
50
0
−50
−100
−150
−50
0
50
100
150
PC2: 8.73% Var Expl
PC1: 17.2% Var Expl
Gene rRNA Rate
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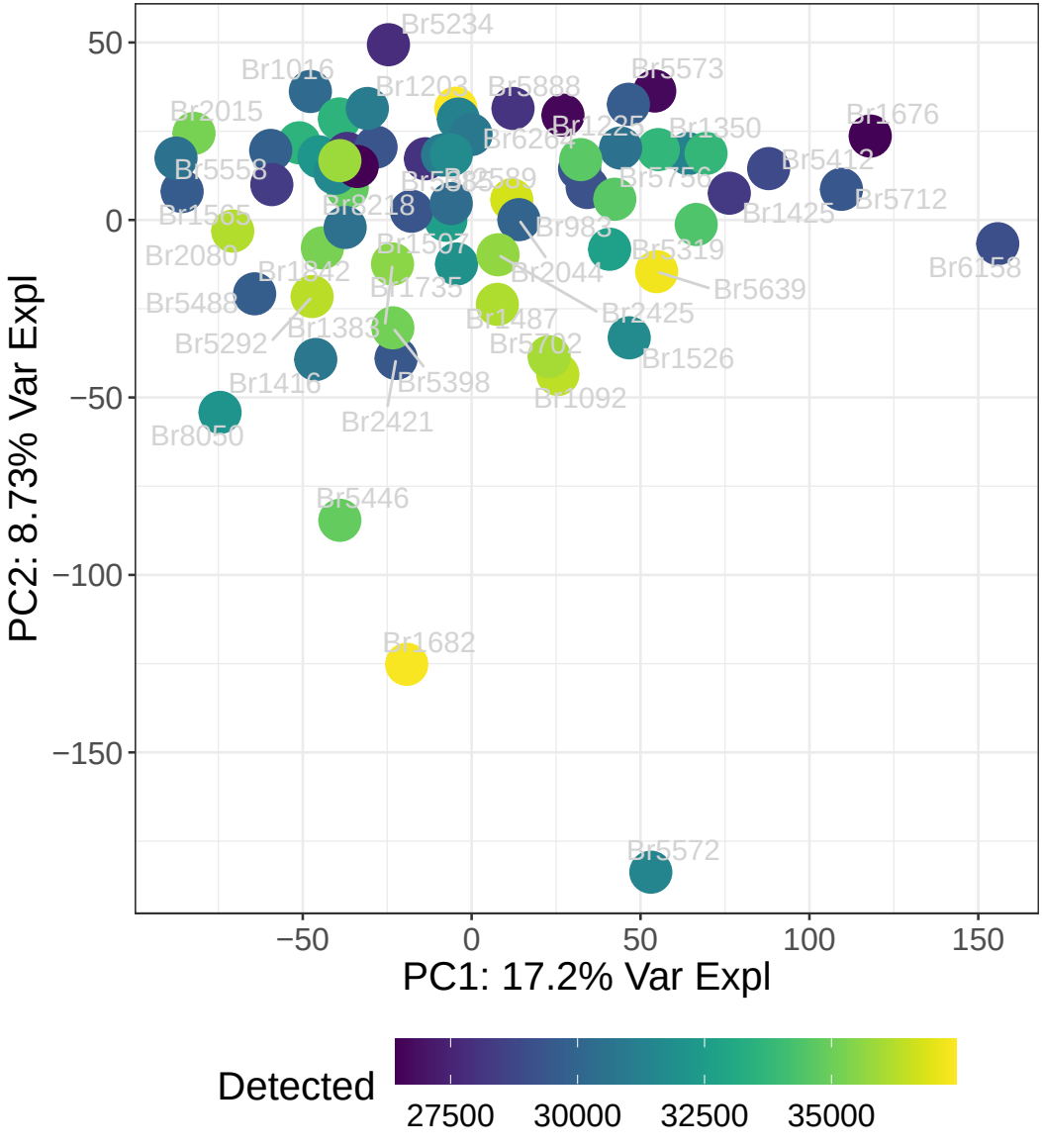
0.00010
0.00015


Br5234
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Br1676
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Br5712
Br1565
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Br1425
Br2080
Br983
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Br1842
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Br5488
Br1735
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Br2425
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Br1383
Br5702
Br1526
Br1416
Br5398
Br1092
Br8050
Br2421
Br5446
Br1682
Br5572
50
0
−50
−100
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100
150
PC2: 8.73% Var Expl
PC1: 17.2% Var Expl
Detected
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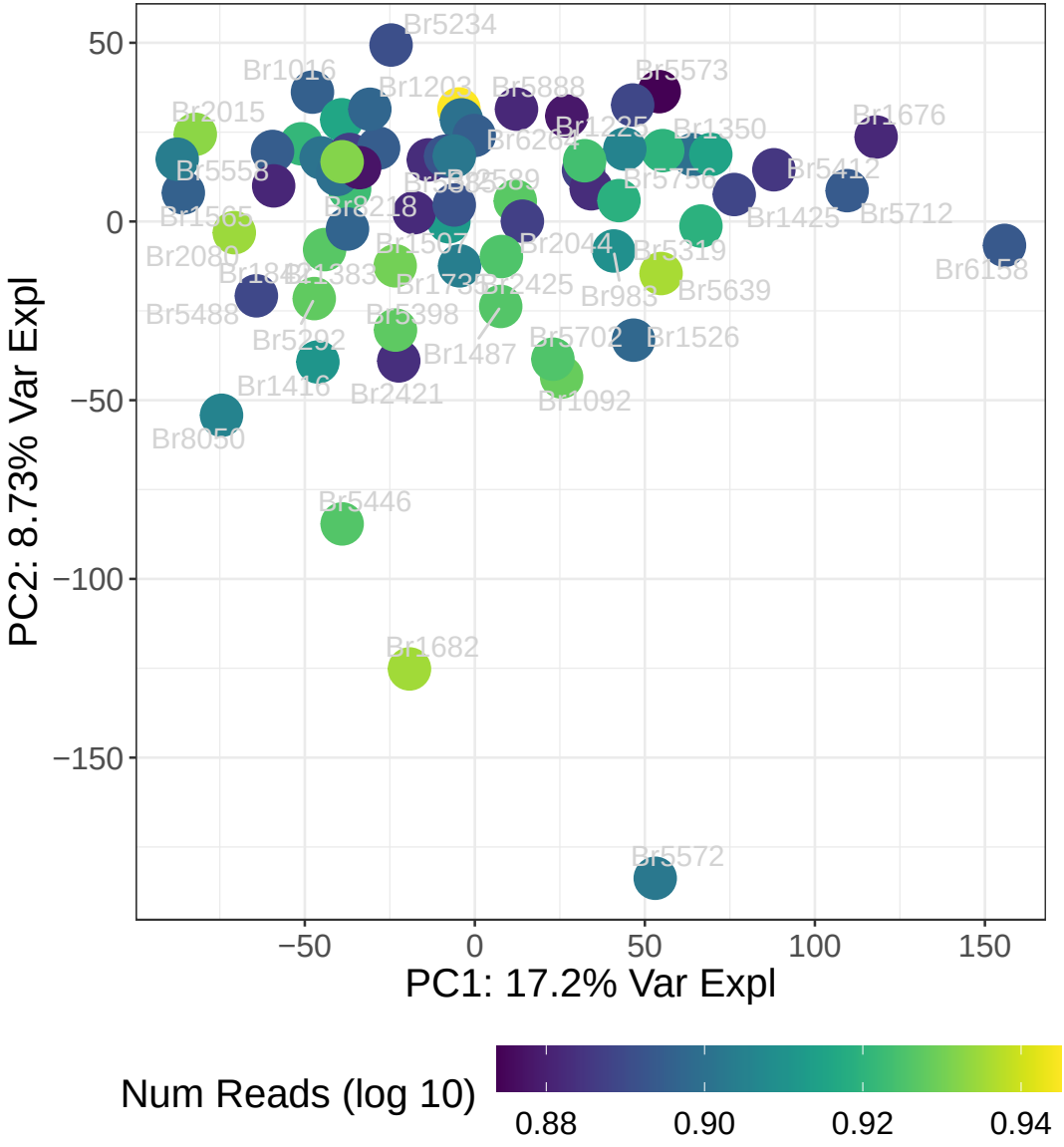
30000
32500
35000


Br5234
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Br5888
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Br2015
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Br1350
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Br5412
Br1565
Br8218
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Br5712
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Br2044
Br5319
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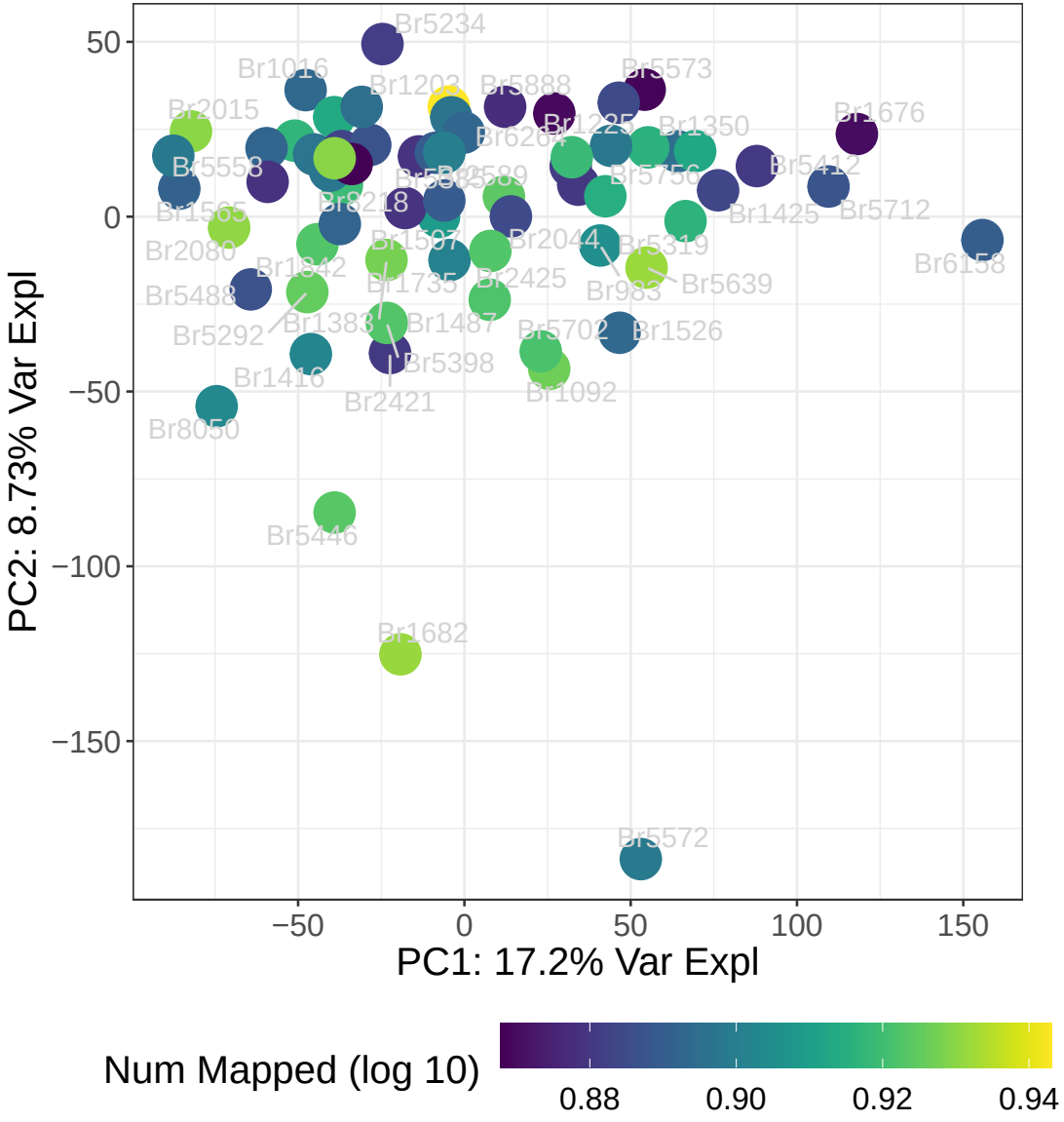
Br5488
Br5398
Br5702
Br1526
Br1487
Br1416
Br2421
Br1092
Br8050
Br5446
Br1682
Br5572
50
0
−50
−100
−150
−50
0
50
100
150
PC2: 8.73% Var Expl
PC1: 17.2% Var Expl
Num Reads (log 10)
0.88
0.90
0.92
0.94


Br5234
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Br2015
Br1676
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Br8218
Br1425
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Br1565
Br2080
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Br6158
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Br1383
Br1487
Br5702
Br1526
Br5398
Br1416
Br2421
Br1092
Br8050
Br5446
Br1682
Br5572
50
0
−50
−100
−150
−50
0
50
100
150
PC2: 8.73% Var Expl
PC1: 17.2% Var Expl
Num Mapped (log 10)
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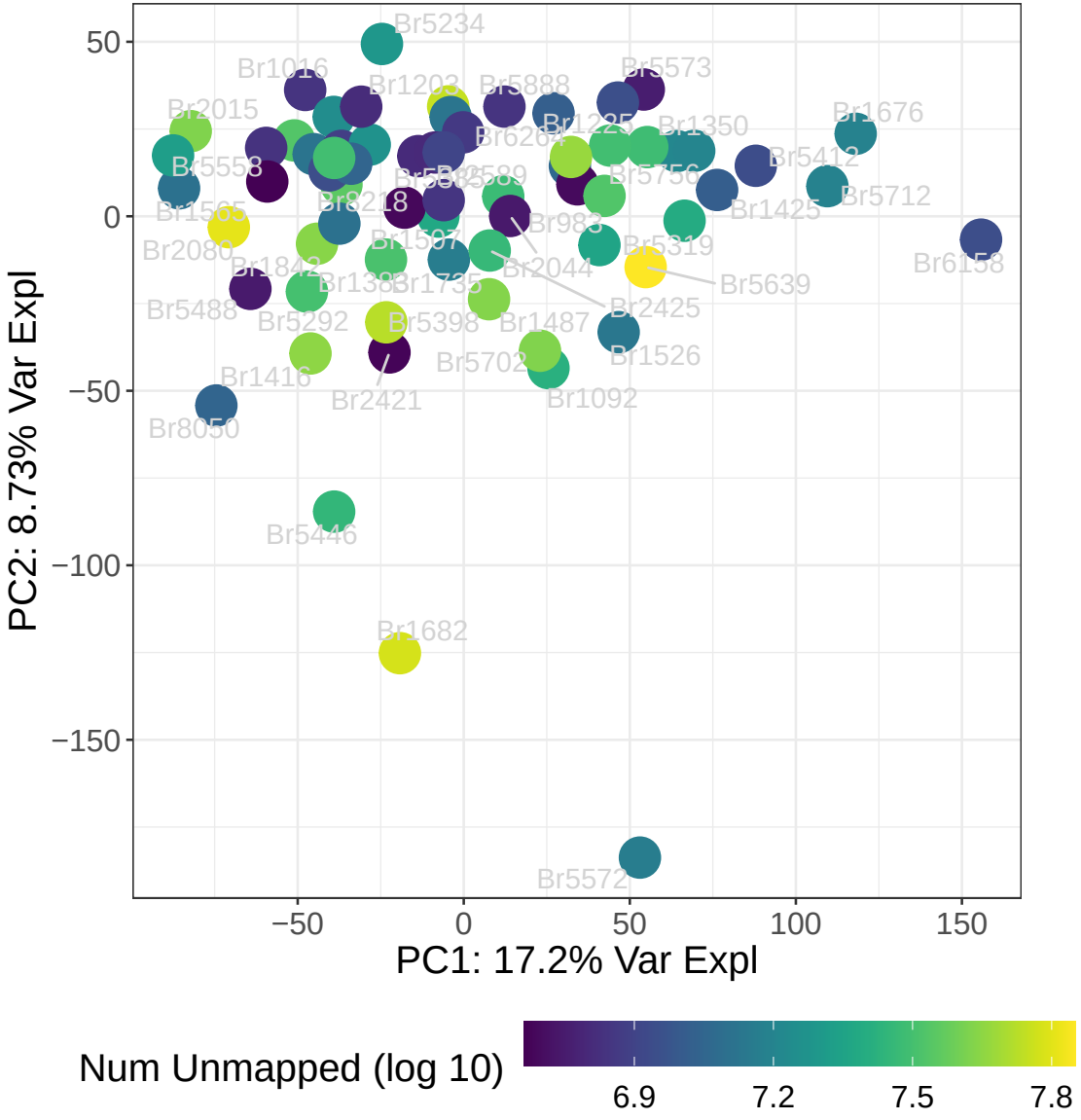
0.90
0.92
0.94


PC2: 8.73% Var Expl
PC1: 17.2% Var Expl
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−50
−100
−150
−50
0
50
100
150
Br5234
Br1016
Br1203
Br5888
Br5573
Br2015
Br1676
Br1350
Br5412
Br5558
Br5712
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Br5292
Br5398
Br1487
Br2425
Br1526
Br5702
Br1416
Br2421
Br1092
Br8050
Br5446
Br1682
Br5572
Num Unmapped (log 10)
6.9
7.2
7.5
7.8