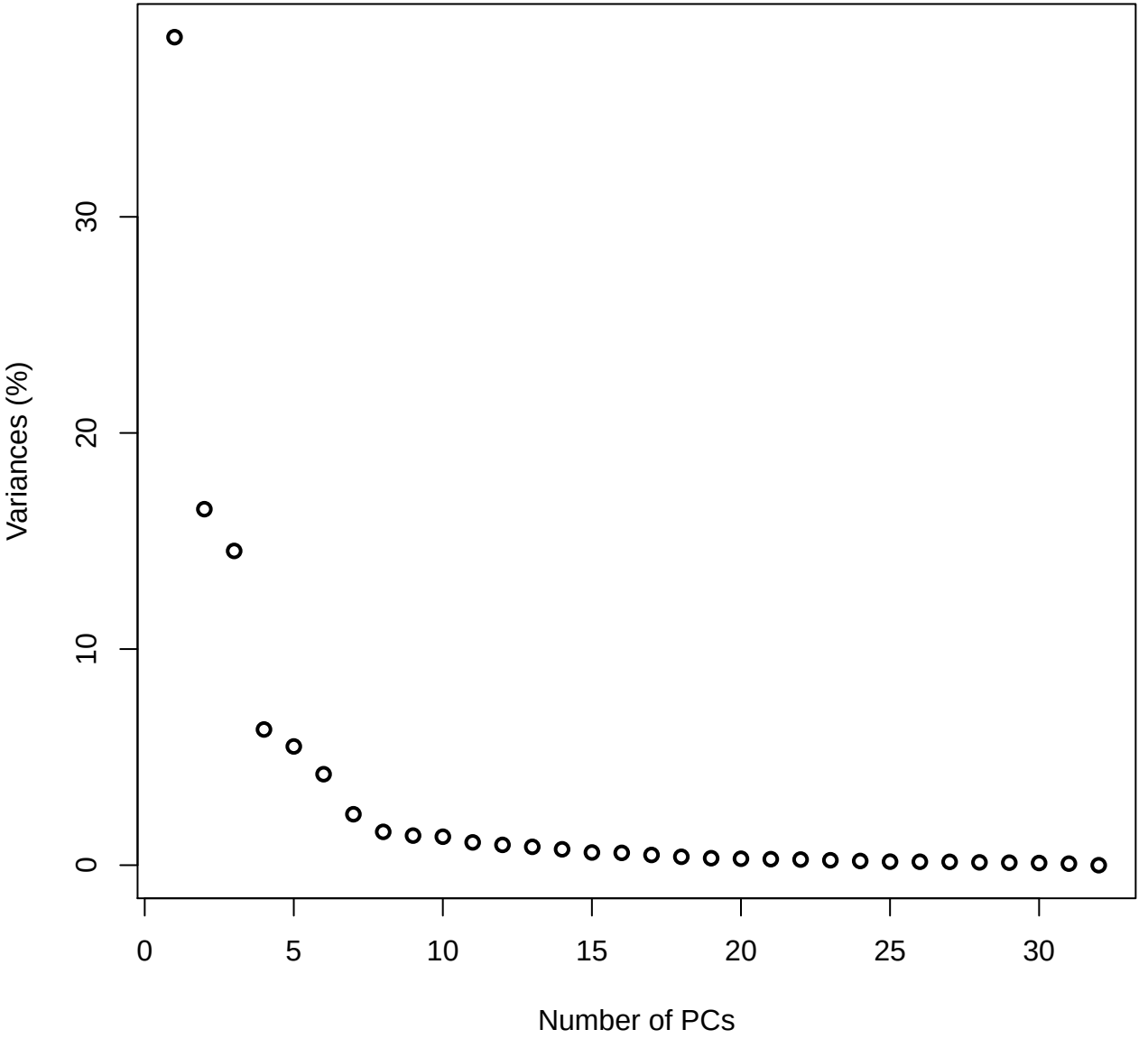
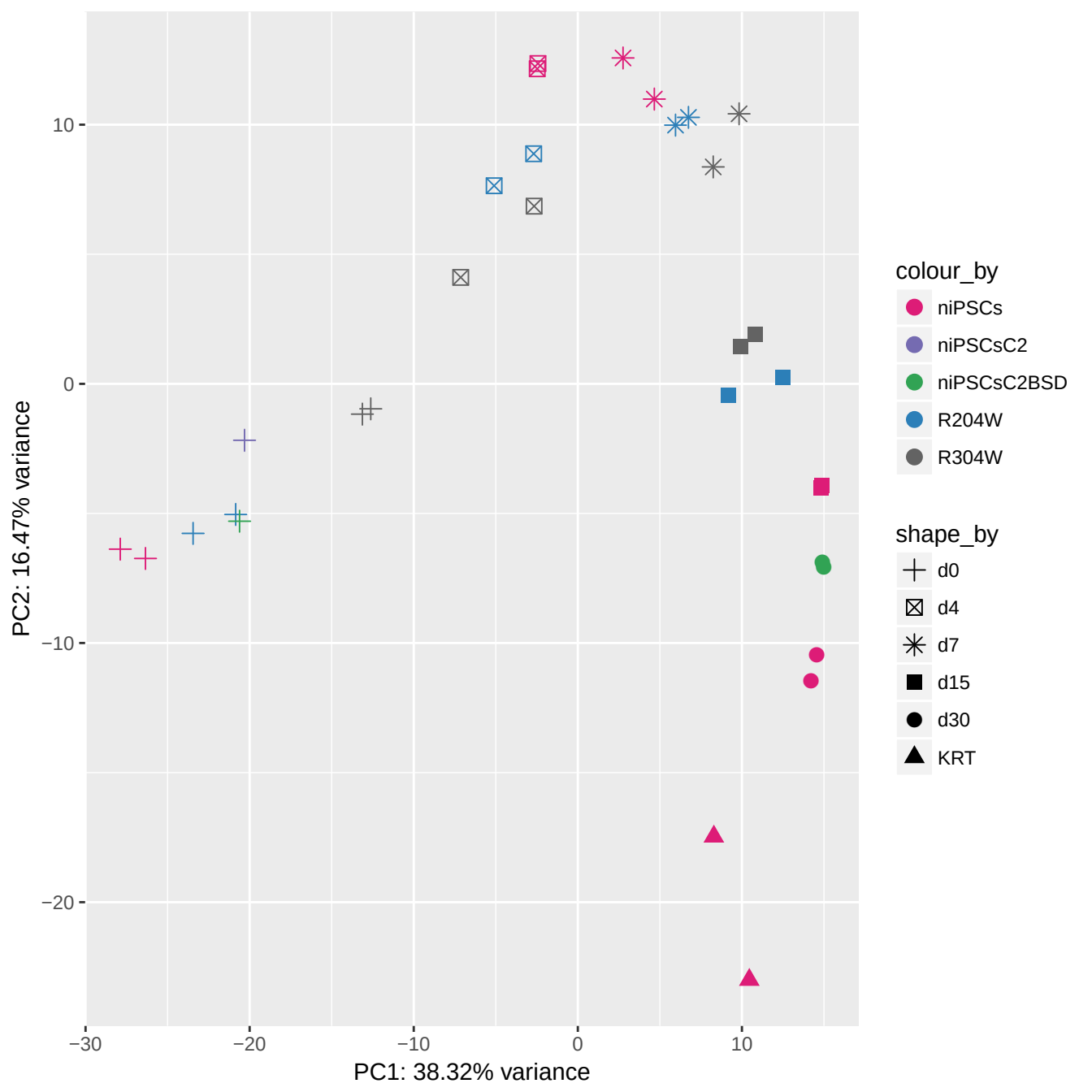
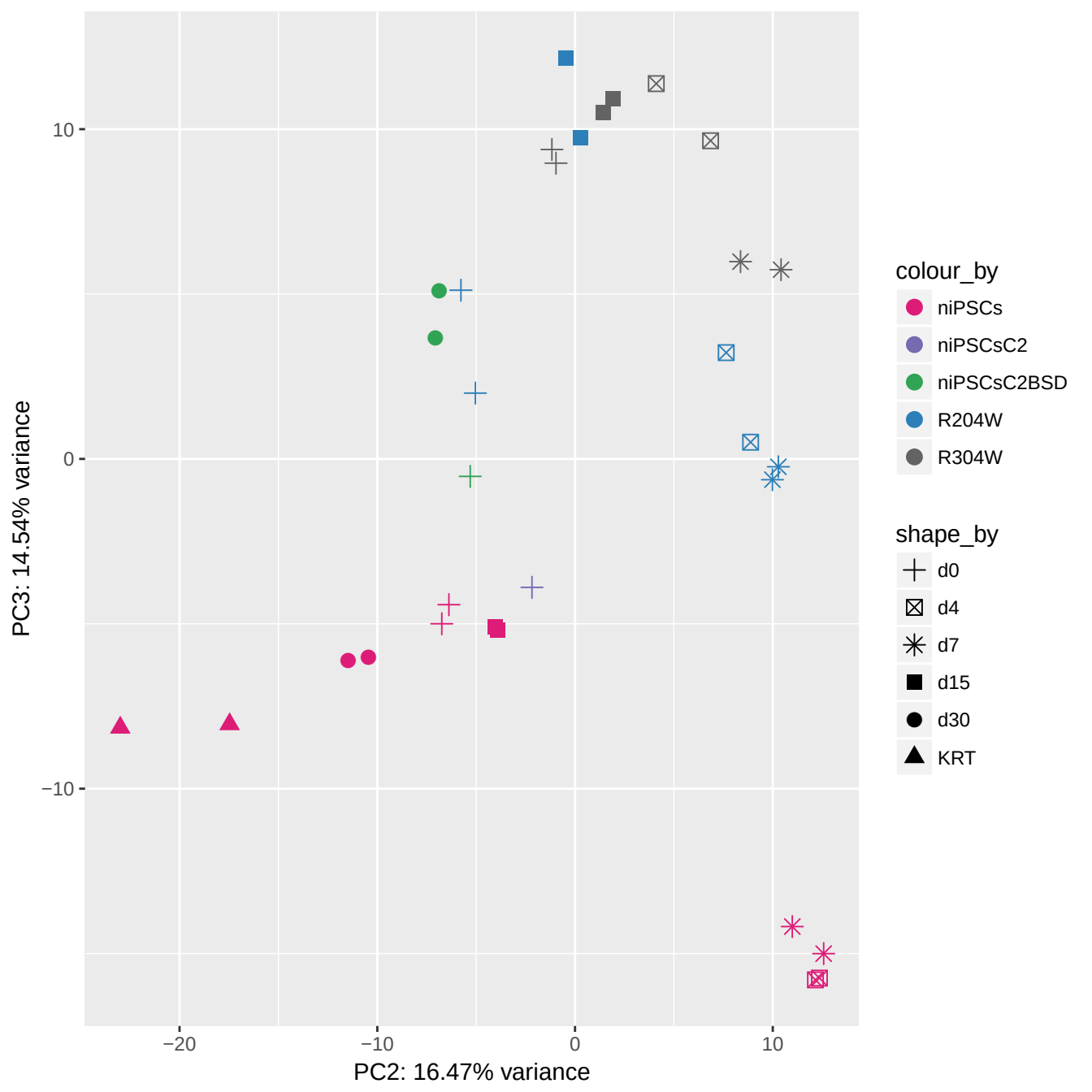
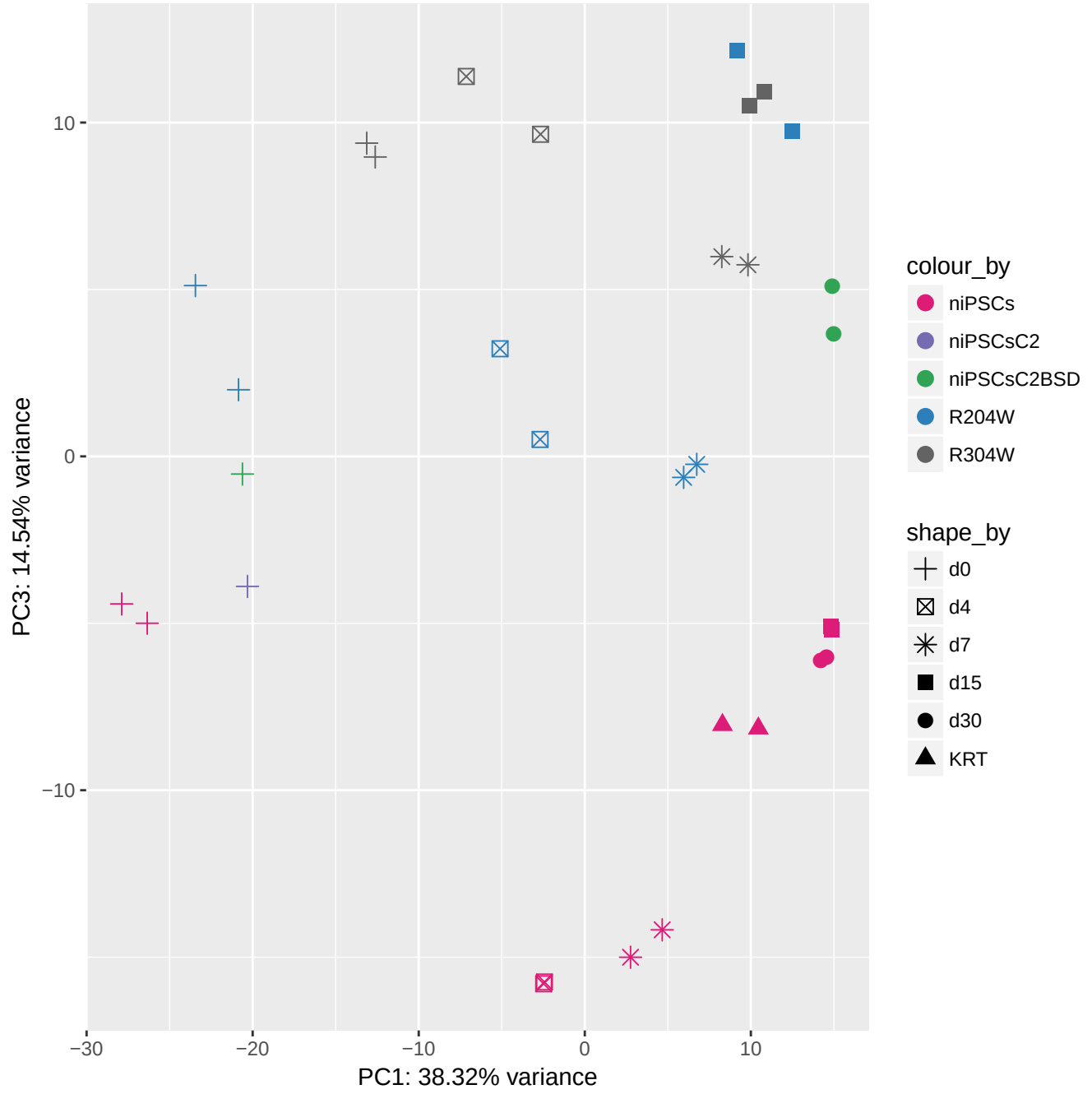
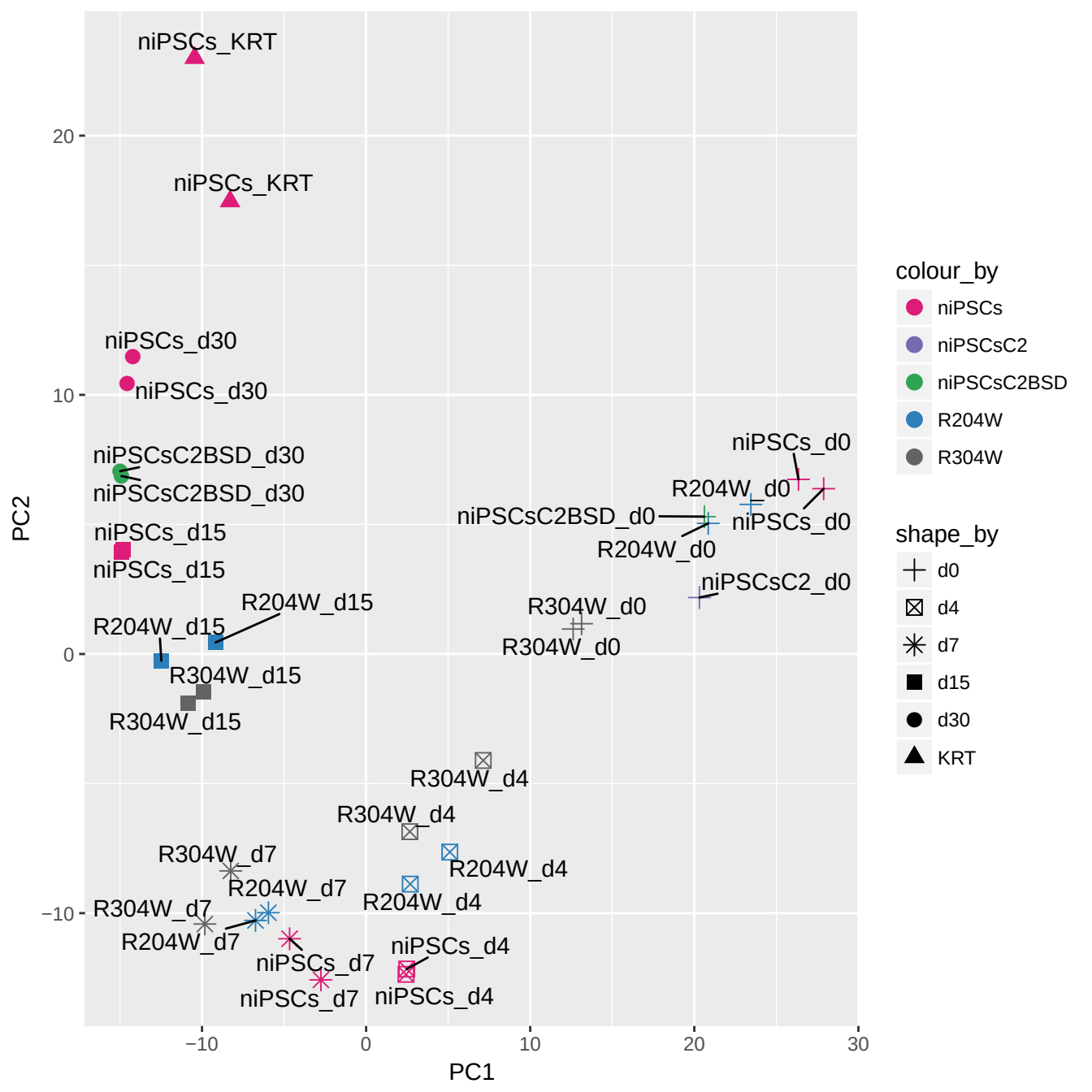
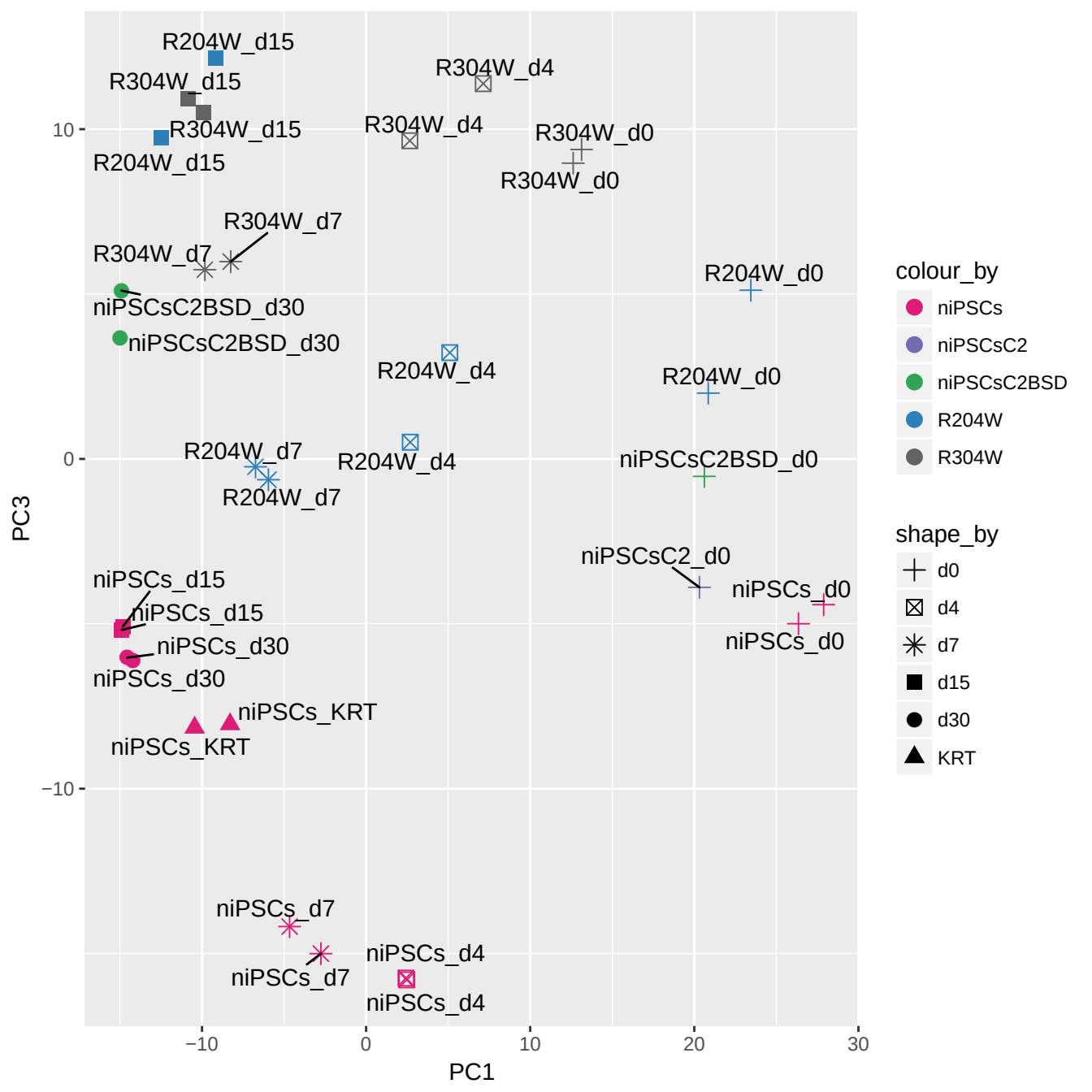

Variances (%)
0
10
20
30
0
5
10
15
20
25
30
Number of PCs

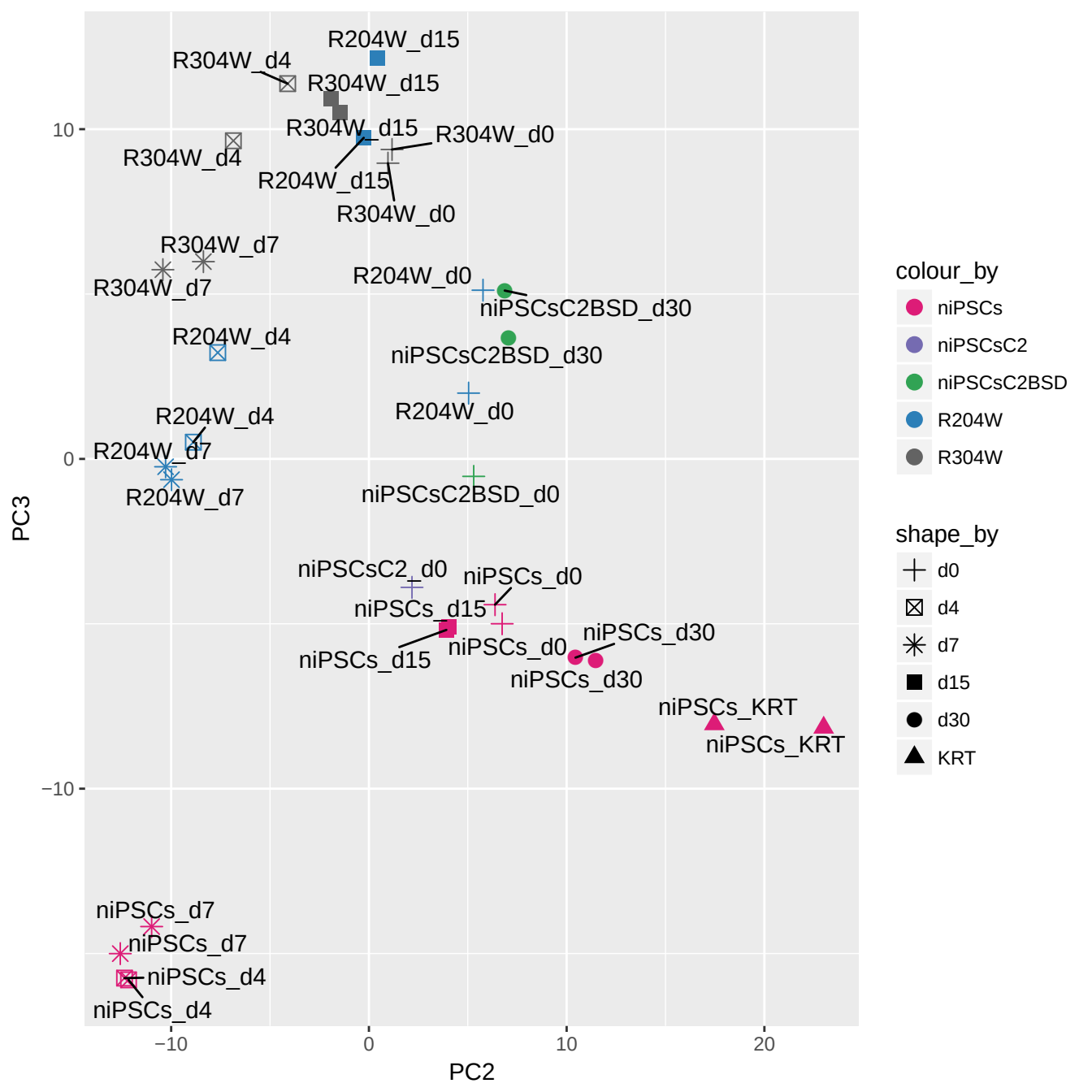

10
0
−10
−20
PC2: 16.47% variance
−30
−20
−10
0
10
PC1: 38.32% variance
colour_by
niPSCs
niPSCsC2
niPSCsC2BSD
R204W
R304W
shape_by
d0
d4
d7
d15
d30
KRT

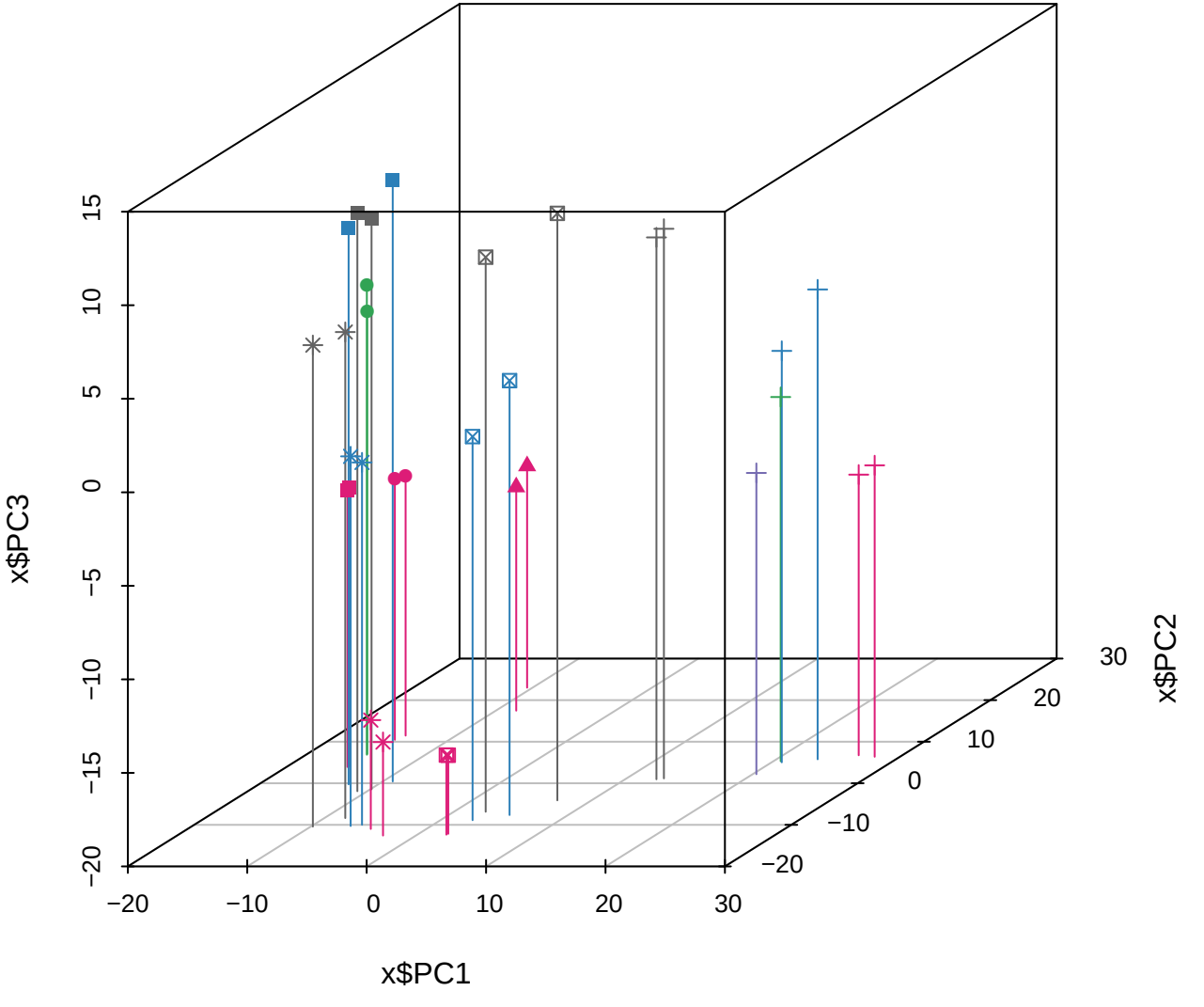

10
0
−10
PC3: 14.54% variance
−20
−10
0
10
PC2: 16.47% variance
colour_by
niPSCs
niPSCsC2
niPSCsC2BSD
R204W
R304W
shape_by
d0
d4
d7
d15
d30
KRT

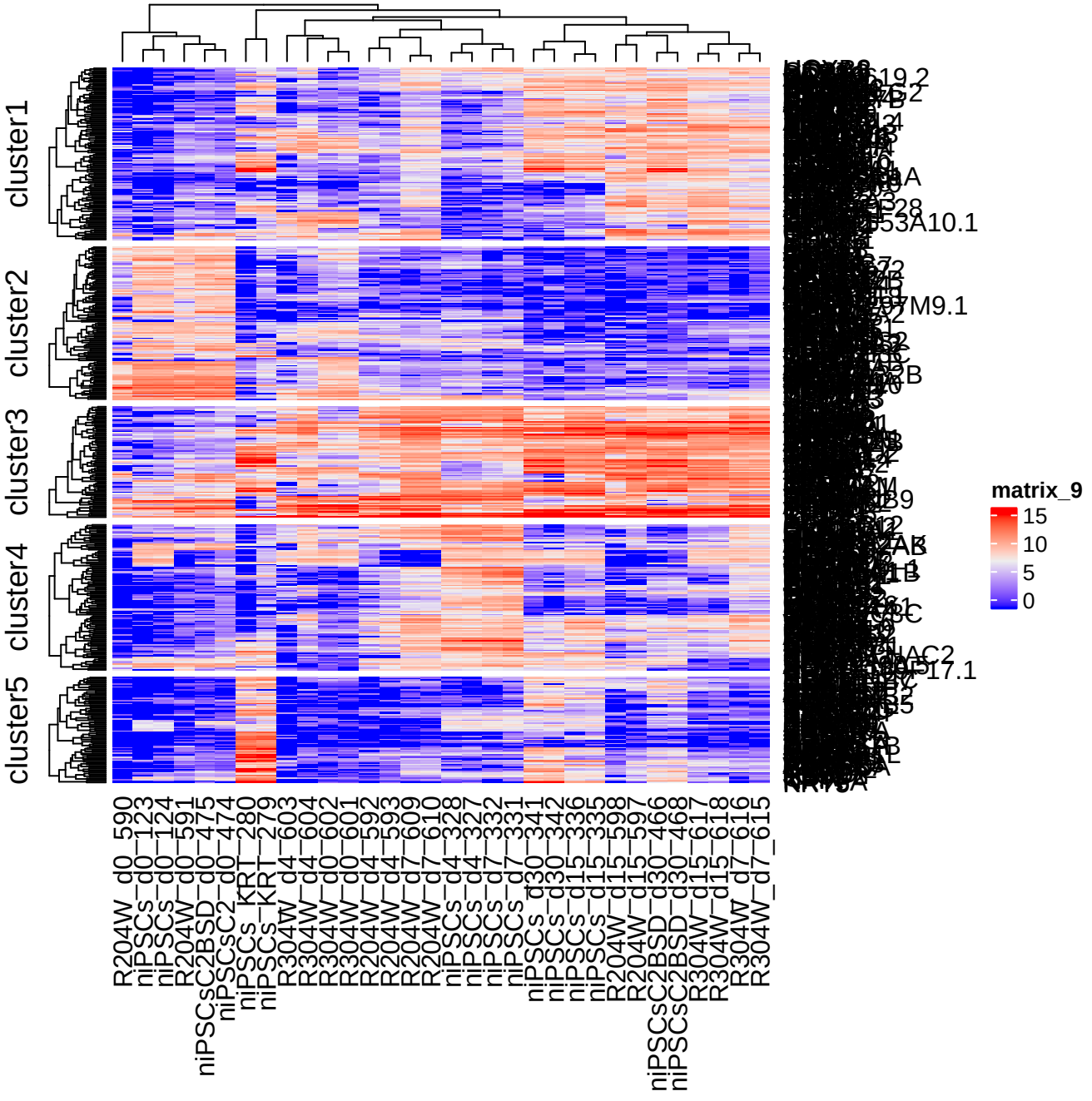

10
0
−10
PC3: 14.54% variance
−30
−20
−10
0
10
PC1: 38.32% variance
colour_by
niPSCs
niPSCsC2
niPSCsC2BSD
R204W
R304W
shape_by
d0
d4
d7
d15
d30
KRT

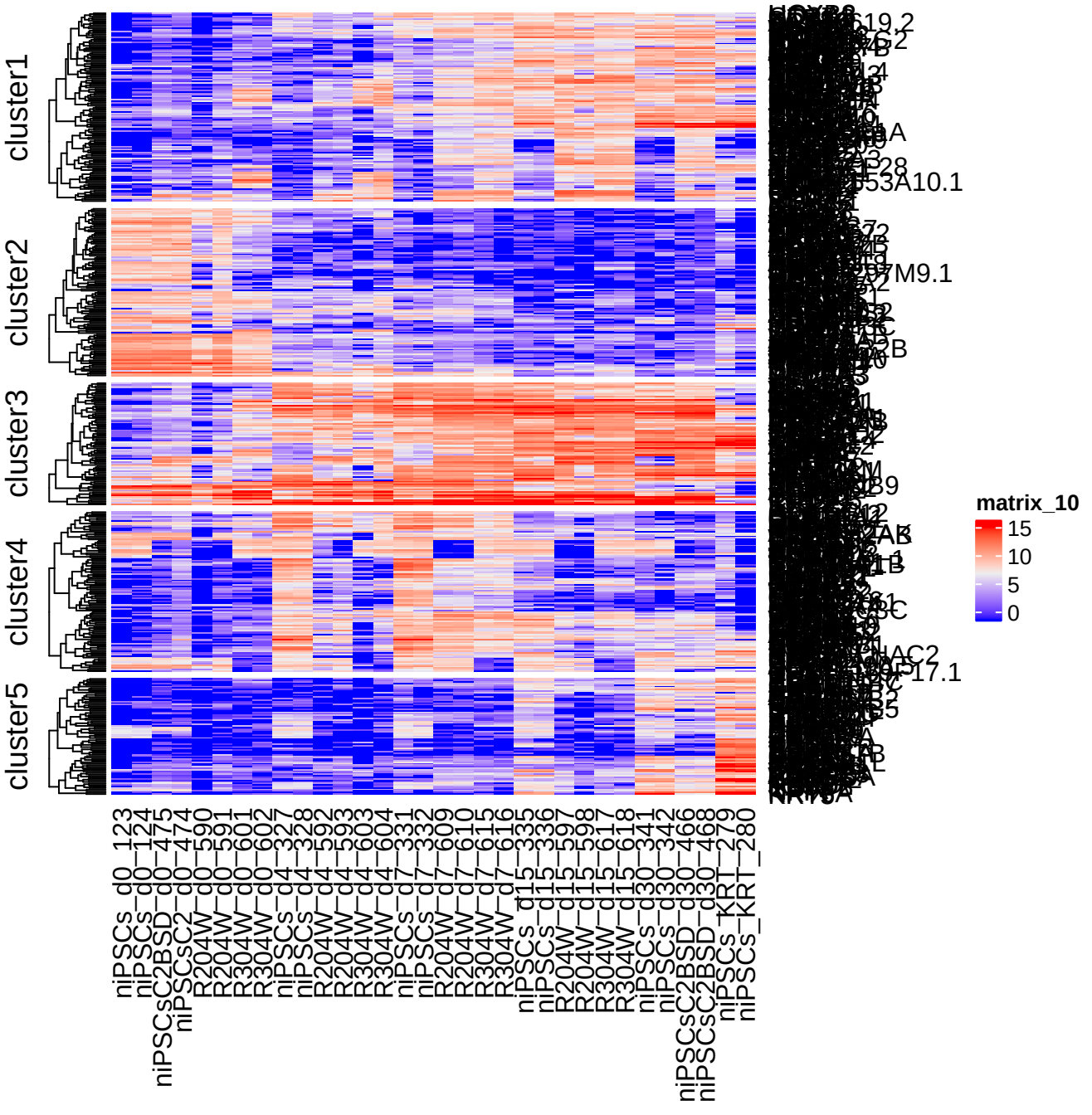

niPSCs_KRT
niPSCs_KRT
niPSCs_d30
niPSCs_d30
niPSCsC2BSD_d30
niPSCsC2BSD_d30
niPSCs_d15
niPSCs_d15
R204W_d15
R204W_d15
R304W_d15
R304W_d15
niPSCs_d0
R204W_d0
niPSCsC2BSD_d0
niPSCs_d0
R204W_d0
niPSCsC2_d0
R304W_d0
R304W_d0
R304W_d4
R304W_d4
R304W_d7
R204W_d4
R204W_d7
R204W_d4
R304W_d7
R204W_d7
niPSCs_d7
niPSCs_d4
niPSCs_d7
niPSCs_d4
20
10
0
−10
PC2
−10
0
10
20
30
PC1
colour_by
niPSCs
niPSCsC2
niPSCsC2BSD
R204W
R304W
shape_by
d0
d4
d7
d15
d30
KRT


R204W_d15
R304W_d15
R304W_d15
R204W_d15
R304W_d4
R304W_d4
R304W_d0
R304W_d0
R304W_d7
R304W_d7
niPSCsC2BSD_d30
niPSCsC2BSD_d30
R204W_d0
R204W_d4
R204W_d0
R204W_d7
R204W_d4
R204W_d7
niPSCsC2BSD_d0
niPSCsC2_d0
niPSCs_d15
niPSCs_d15
niPSCs_d30
niPSCs_d30
niPSCs_d0
niPSCs_d0
niPSCs_KRT
niPSCs_KRT
niPSCs_d7
niPSCs_d7
niPSCs_d4
niPSCs_d4
10
0
−10
PC3
−10
0
10
20
30
PC1
colour_by
niPSCs
niPSCsC2
niPSCsC2BSD
R204W
R304W
shape_by
d0
d4
d7
d15
d30
KRT


R204W_d15
R304W_d4
R304W_d15
R304W_d15
R304W_d0
R304W_d4
R204W_d15
R304W_d0
R304W_d7
R304W_d7
R204W_d0
niPSCsC2BSD_d30
R204W_d4
niPSCsC2BSD_d30
R204W_d0
R204W_d4
R204W_d7
R204W_d7
niPSCsC2BSD_d0
niPSCsC2_d0
niPSCs_d0
niPSCs_d15
niPSCs_d15
niPSCs_d0
niPSCs_d30
niPSCs_d30
niPSCs_KRT
niPSCs_KRT
niPSCs_d7
niPSCs_d7
niPSCs_d4
niPSCs_d4
10
0
−10
−10
0
10
20
PC3
PC2
colour_by
niPSCs
niPSCsC2
niPSCsC2BSD
R204W
R304W
shape_by
d0
d4
d7
d15
d30
KRT


x$PC3
15
10
5
0
−5
−10
−15
−20
−20
−10
0
10
20
30
x$PC1
30
20
10
0
−10
−20
x$PC2


cluster1
cluster2
cluster3
cluster4
cluster5
matrix_9
15
10
5
0
R204W_d0_590
niPSCs_d0_123
niPSCs_d0_124
R204W_d0_591
niPSCsC2BSD_d0_475
niPSCsC2_d0_474
niPSCs_KRT_280
niPSCs_KRT_279
R304W_d4_604
R304W_d4_602
R304W_d0_601
R204W_d4_592
R204W_d4_593
R204W_d7_609
R204W_d7_610
niPSCs_d4_328
niPSCs_d4_327
niPSCs_d7_332
niPSCs_d7_331
niPSCs_d30_341
niPSCs_d30_342
niPSCs_d15_336
niPSCs_d15_335
R204W_d15_598
R204W_d15_597
R204W_d30_466
niPSCsC2BSD_d30_468
R304W_d15_617
R304W_d15_618
R304W_d7_616
R304W_d7_615


cluster1
cluster2
cluster3
cluster4
cluster5
matrix_10
15
10
5
0
niPSCs_d0_123
niPSCs_d0_124
niPSCsC2BSD_d0_475
niPSCsC2_d0_474
R204W_d0_590
R204W_d0_591
R304W_d0_601
R304W_d0_602
niPSCs_d4_327
niPSCs_d4_328
R204W_d4_592
R204W_d4_593
R304W_d4_603
R304W_d4_604
niPSCs_d7_331
niPSCs_d7_332
R204W_d7_609
R204W_d7_610
R304W_d7_615
R304W_d7_616
niPSCs_d15_335
niPSCs_d15_336
R204W_d15_597
R204W_d15_598
R304W_d15_617
R304W_d15_618
niPSCs_d30_341
niPSCs_d30_342
niPSCsC2BSD_d30_466
niPSCsC2BSD_d30_468
niPSCs_KRT_279
niPSCs_KRT_280
53A10.1
M9.1
17.1