> mir.hcpc$desc.var

$quanti.var

Eta2 P-value

Orf37or34\_35\_36\_57765\_2 0.996 3.43e-13

Orf66or67\_67A\_114453 0.990 3.60e-11

ORF18\_32935 0.989 4.33e-11

Orf63orOrf64\_111599 0.984 3.29e-10

Orf23or24\_39603 0.984 3.52e-10

Orf29\_49612 0.983 4.63e-10

Orf20orOrf19\_34848 0.982 7.24e-10

K14\_128651 0.981 9.77e-10

Orf40\_61476 0.977 2.78e-09

Orf44\_66755 0.973 6.07e-09

Orf30orOrf29or31\_51123 0.971 1.07e-08

Orf55\_78956 0.953 1.37e-07

vIRF2\_92617 0.934 9.06e-07

Orf66or67\_67A\_112774 0.916 3.24e-06

Orf56or57\_83216 0.765 8.87e-04

Orf58or59\_60\_61\_62\_94692 0.756 1.07e-03

Orf54\_78056 0.755 1.09e-03

Orf59\_60\_61\_62\_96407 0.743 1.41e-03

Orf43\_64036 0.718 2.31e-03

ORF17orOrf17.5\_31509 0.664 5.97e-03

Orf10or4\_6\_7\_8\_9\_15288 0.661 6.19e-03

Orf9or4\_6\_7\_8\_13806 0.618 1.17e-02

Orf63\_103639 0.615 1.21e-02

Orf58or59\_60\_61\_62\_94950 0.612 1.27e-02

Orf63\_103119 0.591 1.68e-02

Orf73\_LANA\_124002\_2a 0.590 1.70e-02

Orf40\_60631 0.589 1.71e-02

vIRF1\_K9\_84086 0.589 1.71e-02

Orf54\_77844 0.584 1.81e-02

Orf65or66\_67\_67A\_112376 0.579 1.95e-02

Orf58or59\_60\_61\_62\_95417 0.576 2.02e-02

Orf39\_60036 0.570 2.16e-02

Orf37or34\_35\_36\_58237 0.569 2.19e-02

K3\_19577 0.562 2.38e-02

Orf34orOrf35\_55680\_2 0.561 2.41e-02

Orf24\_41283 0.560 2.43e-02

Orf23or24\_39786 0.560 2.45e-02

Orf66or67\_67A\_113453 0.557 2.53e-02

K15\_131458 0.547 2.86e-02

Orf62\_101132 0.535 3.26e-02

Orf40\_62161 0.532 3.35e-02

Orf49or50\_71851 0.505 4.51e-02

K7\_28624 0.502 4.62e-02

ORF6or4\_5859 0.498 4.81e-02

vIRF4\_86975 0.495 4.98e-02

$quanti

$quanti$`1`

v.test Mean in category Overall mean sd in category Overall sd p.value

Orf23or24\_39603 3.71 -16.7 -32.3 NA 4.20 0.000208

Orf63orOrf64\_111599 3.71 -23.7 -38.9 NA 4.11 0.000209

K14\_128651 3.70 -17.9 -30.7 NA 3.46 0.000213

Orf29\_49612 3.70 -23.2 -38.8 NA 4.23 0.000217

Orf40\_61476 3.70 -21.2 -37.1 NA 4.28 0.000218

Orf20orOrf19\_34848 3.69 -18.5 -32.4 NA 3.76 0.000225

Orf30orOrf29or31\_51123 3.68 -24.2 -38.9 NA 3.98 0.000229

Orf44\_66755 3.68 -24.2 -39.0 NA 4.01 0.000229

Orf55\_78956 3.63 -16.2 -23.3 NA 1.97 0.000279

vIRF2\_92617 3.60 -21.5 -37.8 NA 4.52 0.000313

Orf43\_64036 3.01 -23.4 -37.9 NA 4.84 0.002651

Orf63\_103639 2.80 -25.1 -38.0 NA 4.60 0.005038

Orf40\_60631 2.77 -16.7 -31.3 NA 5.28 0.005605

Orf63\_103119 2.75 -21.4 -31.0 NA 3.50 0.005978

Orf54\_77844 2.70 -18.9 -34.1 NA 5.61 0.006842

vIRF1\_K9\_84086 2.70 -20.4 -33.7 NA 4.93 0.006972

Orf24\_41283 2.68 -19.6 -31.5 NA 4.47 0.007408

Orf34orOrf35\_55680\_2 2.66 -15.6 -29.6 NA 5.23 0.007758

Orf23or24\_39786 2.64 -17.4 -31.1 NA 5.20 0.008414

Orf62\_101132 2.60 -20.2 -33.5 NA 5.09 0.009434

Orf40\_62161 2.58 -21.9 -34.7 NA 4.99 0.010006

Orf9or4\_6\_7\_8\_13806 2.57 -22.0 -37.6 NA 6.07 0.010289

vIRF4\_86975 2.51 -15.1 -29.8 NA 5.88 0.012142

ORF6or4\_5859 2.45 -19.8 -31.7 NA 4.86 0.014250

Orf39\_60036 2.38 -20.6 -36.6 NA 6.71 0.017200

ORF17\_32510 2.36 -21.5 -36.4 NA 6.31 0.018255

Orf60\_61\_62\_97138 2.25 -17.5 -23.2 NA 2.54 0.024666

Orf43\_63567 2.22 -18.5 -32.2 NA 6.22 0.026722

Orf40\_62028 2.21 -19.1 -33.1 NA 6.32 0.027088

Orf29\_49613 2.21 -22.7 -36.6 NA 6.31 0.027372

Orf43\_63853 2.15 -20.5 -35.6 NA 6.98 0.031183

Orf60\_61\_62\_97630 2.12 -22.0 -36.8 NA 6.98 0.034216

Orf36orOrf34or35\_56709 1.98 -17.4 -28.7 NA 5.72 0.047952

Orf54\_78056 1.97 -6.5 -13.3 NA 3.42 0.048365

$quanti$`2`

v.test Mean in category Overall mean sd in category Overall sd p.value

Orf21\_36500\_2 2.16 -32.1 -32.4 0.354 0.52 0.030471

Orf61or62\_98333 -2.04 -39.8 -34.9 0.506 7.26 0.041008

Orf11or10\_9\_8\_7\_6\_4\_16677 -2.09 -33.4 -27.6 8.561 8.58 0.037010

Orf32or29\_30\_31\_52828 -2.12 -39.6 -33.8 0.495 8.28 0.033754

Orf46\_47\_48\_69318 -2.14 -40.2 -34.9 0.569 7.70 0.032605

Orf73\_LANA\_124002\_2a -2.16 -34.4 -29.1 7.472 7.61 0.031007

Orf73\_LANA\_124002\_2 -2.17 -33.7 -28.7 6.549 7.09 0.030131

Orf59\_60\_61\_62\_95961 -2.26 -27.1 -22.3 8.053 6.51 0.023724

Orf34orOrf35\_55680 -2.30 -36.4 -30.7 0.737 7.59 0.021615

ORF17orOrf17.5\_31509 -2.36 -19.7 -16.3 0.580 4.44 0.018387

Orf49or50\_71851 -2.43 -32.4 -26.4 5.742 7.51 0.015245

Orf37or34\_35\_36\_58237 -2.68 -36.7 -29.0 6.673 8.80 0.007385

Orf58or59\_60\_61\_62\_95417 -2.76 -35.2 -28.9 6.901 6.98 0.005858

Orf58or59\_60\_61\_62\_94950 -2.88 -27.8 -21.6 6.418 6.62 0.003968

Orf59\_60\_61\_62\_96407 -3.22 -29.1 -22.2 5.130 6.56 0.001285

Orf58or59\_60\_61\_62\_94692 -3.23 -21.9 -16.3 4.053 5.29 0.001243

Orf56or57\_83216 -3.27 -21.6 -14.9 4.783 6.31 0.001078

Orf66or67\_67A\_112774 -3.47 -35.2 -26.8 0.481 7.41 0.000513

Orf37or34\_35\_36\_57765\_2 -3.73 -32.4 -24.4 0.435 6.60 0.000195

$quanti$`3`

v.test Mean in category Overall mean sd in category Overall sd p.value

Orf10or4\_6\_7\_8\_9\_15288 3.02 -25.63 -34.3 6.861 5.39 0.00252

ORF18\_32935 2.99 -20.66 -32.3 1.389 7.30 0.00278

Orf66or67\_67A\_114453 2.96 -22.94 -34.6 0.296 7.34 0.00305

K3\_19577 2.77 -13.53 -18.4 4.738 3.26 0.00556

Orf22or21\_38336 2.53 -27.12 -34.1 6.266 5.20 0.01153

K15\_131458 2.48 -15.19 -17.0 0.446 1.34 0.01309

ORF70\_20979 2.40 -23.68 -30.6 6.023 5.36 0.01622

Orf54\_78056 2.29 -9.06 -13.3 3.700 3.42 0.02184

K7\_28624 2.28 -19.15 -29.9 0.797 8.84 0.02282

Orf66or67\_67A\_113453 2.22 -17.92 -26.6 0.446 7.33 0.02643

ORF17orOrf17.5\_31509 2.18 -11.11 -16.3 0.527 4.44 0.02915

Orf65or66\_67\_67A\_112376 2.16 -22.59 -27.5 1.601 4.24 0.03051

Orf66or67\_67A\_112774 1.97 -19.02 -26.8 0.986 7.41 0.04910

$quanti$`4`

v.test Mean in category Overall mean sd in category Overall sd p.value

Orf61or62\_98333 2.34 -28.5 -34.9 6.252 7.263 0.0192

ORF6or4\_5672 2.23 -30.4 -36.0 7.702 6.686 0.0260

Orf73\_LANA\_124002\_2 2.16 -22.9 -28.7 1.727 7.089 0.0305

Orf30orOrf29or31\_50984 2.11 -27.7 -31.5 6.847 4.793 0.0349

Orf37or34\_35\_36\_57765\_2 2.03 -19.3 -24.4 0.520 6.601 0.0424

ORF6or4\_5921 2.00 -21.2 -24.4 6.003 4.135 0.0453

K2orOrf2\_17821 -2.05 -21.9 -18.6 5.781 4.173 0.0402

ORF4\_2545 -2.18 -40.5 -39.9 0.670 0.784 0.0295

vIRF1\_K9\_84969 -2.22 -32.2 -31.7 0.481 0.609 0.0264

attr(,"class")

[1] "catdes" "list "

> mir.hcpc$desc.axe

$quanti.var

Eta2 P-value

Dim.1 0.911 4.39e-06

Dim.2 0.753 1.16e-03

Dim.3 0.626 1.04e-02

$quanti

$quanti$`1`

v.test Mean in category Overall mean sd in category Overall sd p.value

Dim.1 2.69 88.8 -8.52e-15 NA 33.0 0.00717

Dim.2 2.30 52.4 -2.40e-15 NA 22.8 0.02140

$quanti$`2`

v.test Mean in category Overall mean sd in category Overall sd p.value

Dim.1 -2.66 -28.7 -8.52e-15 11.3 33 0.00786

$quanti$`3`

v.test Mean in category Overall mean sd in category Overall sd p.value

Dim.2 -2.06 -25.1 -2.4e-15 11.2 22.8 0.0393

$quanti$`4`

v.test Mean in category Overall mean sd in category Overall sd p.value

Dim.3 2.9 22.1 2.63e-15 17.4 20.2 0.00375

attr(,"class")

[1] "catdes" "list "

> print(mir.hcpc$desc.ind)

$para

cluster: 1

8239

0

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cluster: 2

731 3937 7121 4678 2969

37.4 40.6 41.7 47.2 53.9

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cluster: 3

3544 5485 1314

43.4 48.4 52.4

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cluster: 4

1700 2741 2858 2910 2572

43.7 47.4 52.0 57.9 62.7

$dist

cluster: 1

8239

106

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cluster: 2

629 3937 4678 7121 2969

73.5 71.7 69.9 69.2 67.3

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cluster: 3

1314 3544 5485

79.2 73.8 69.7

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cluster: 4

2572 2910 2741 2858 1700

82.5 78.5 74.4 70.1 53.9