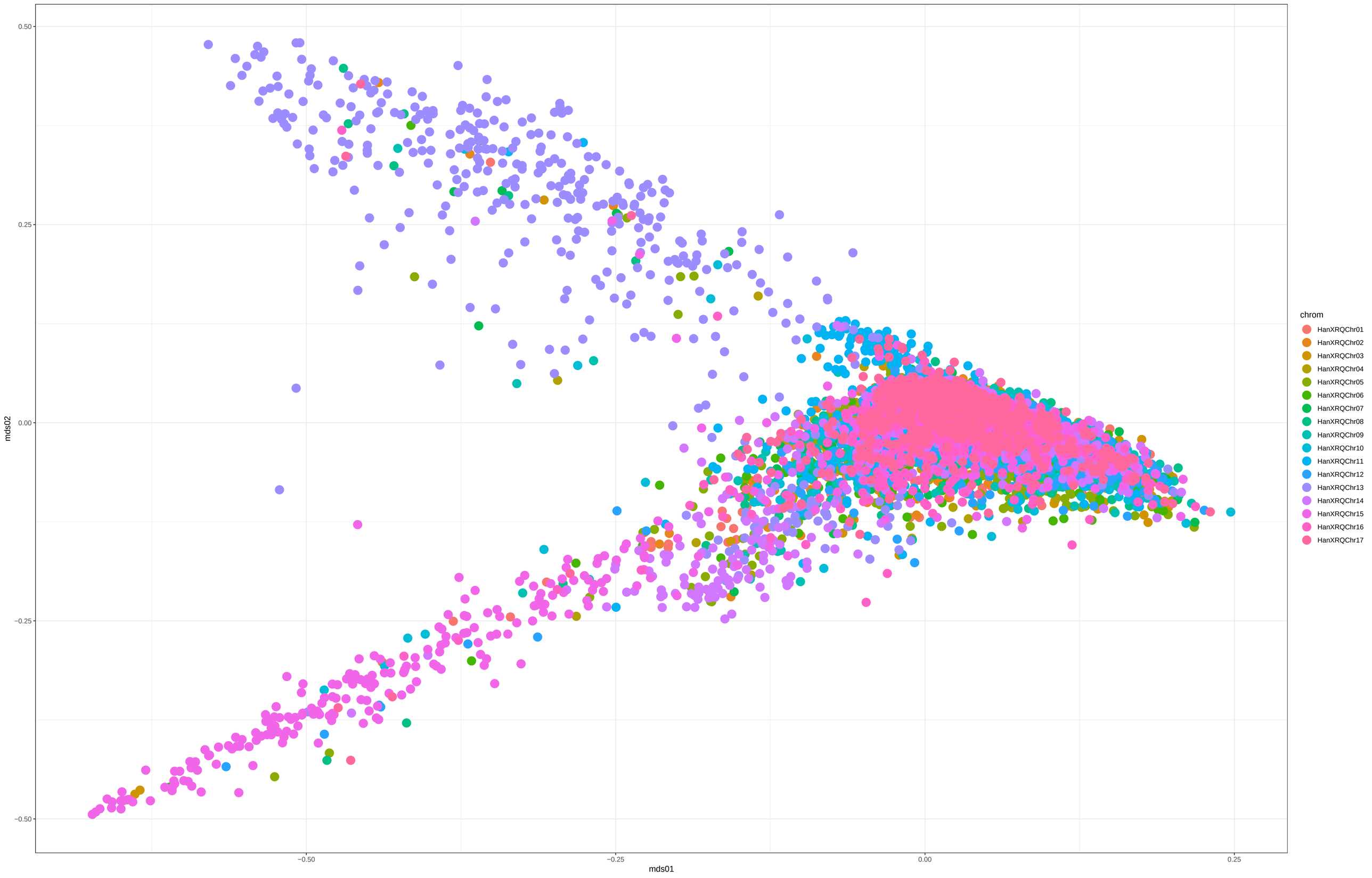
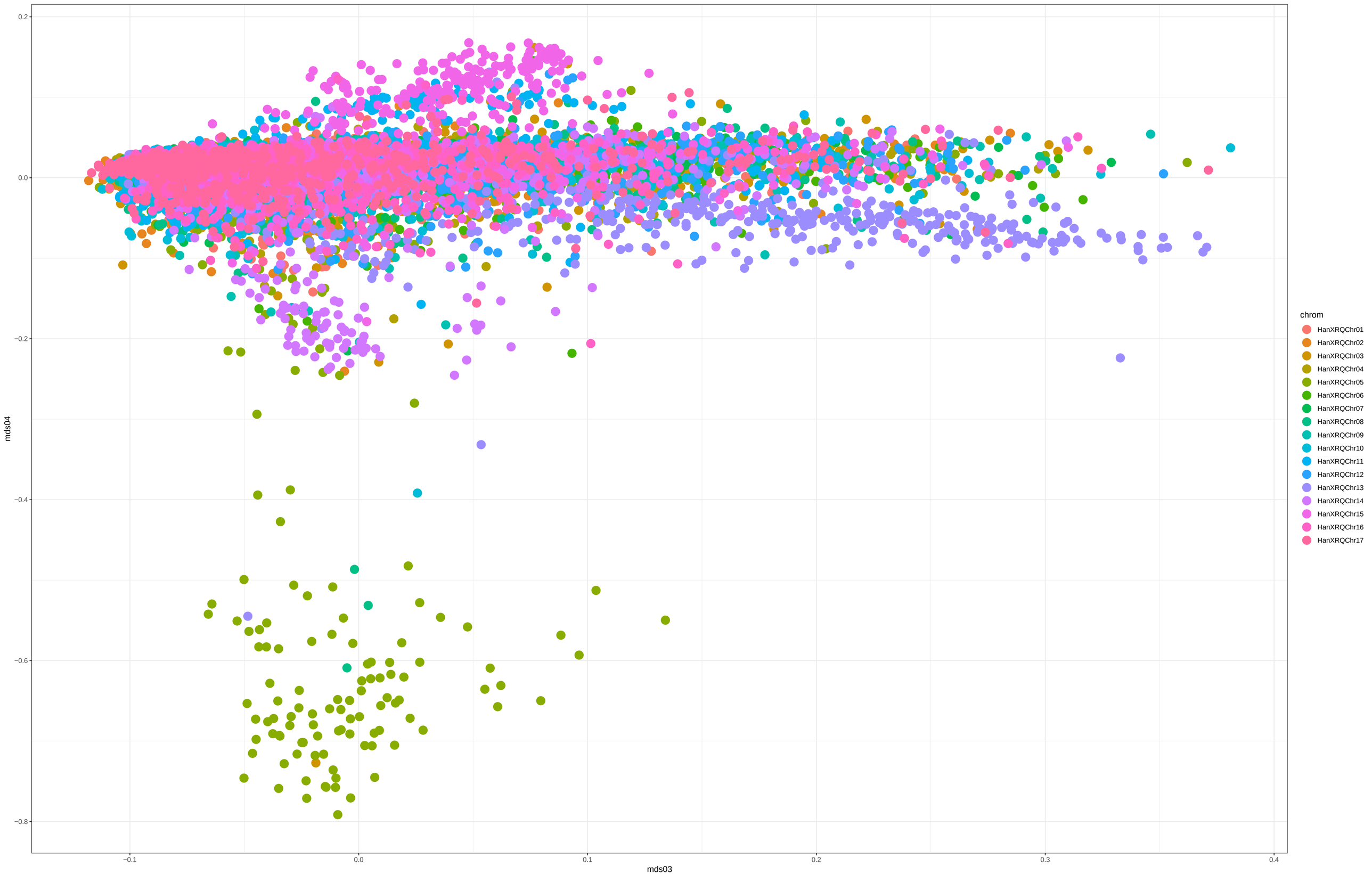
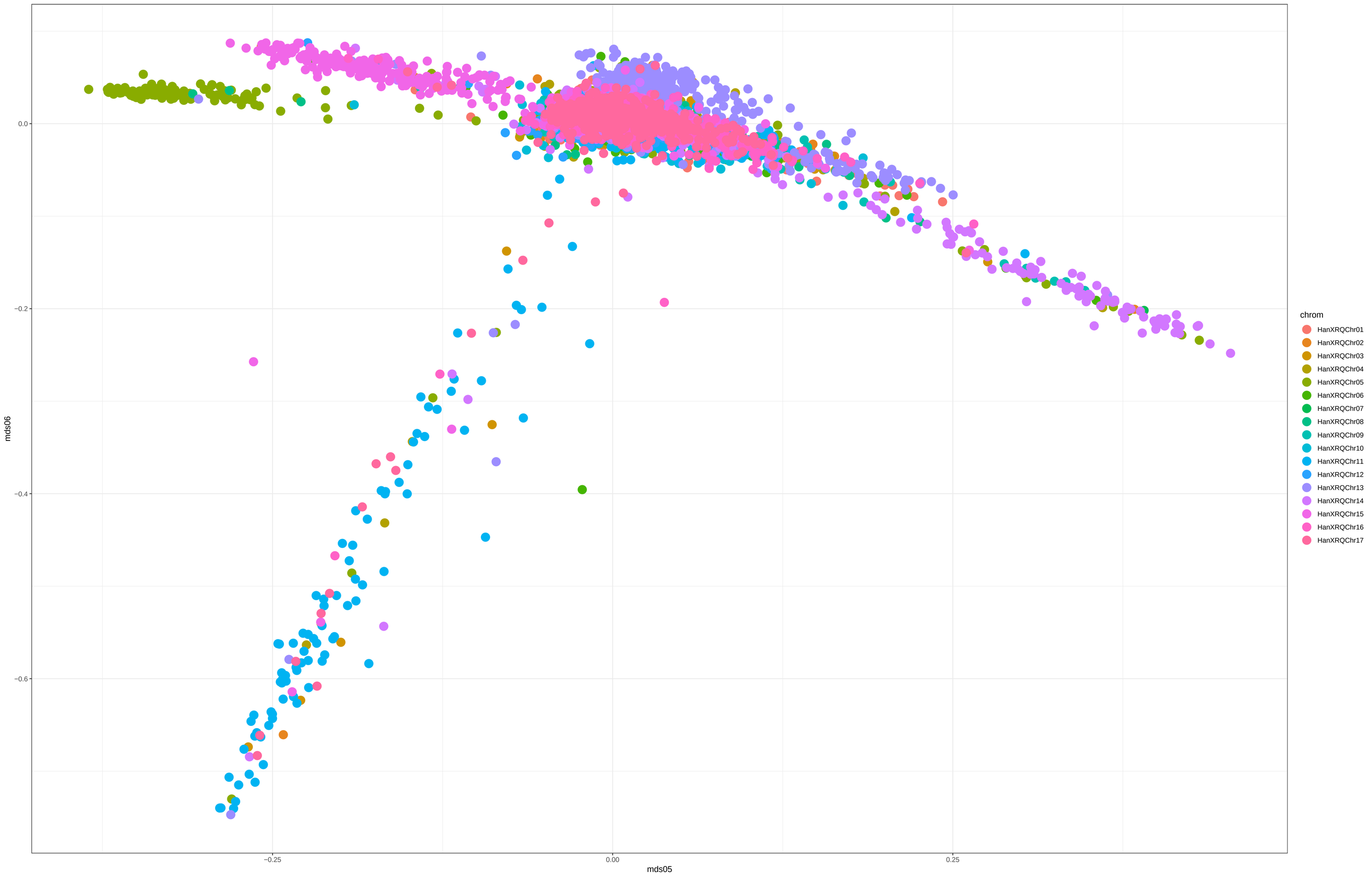
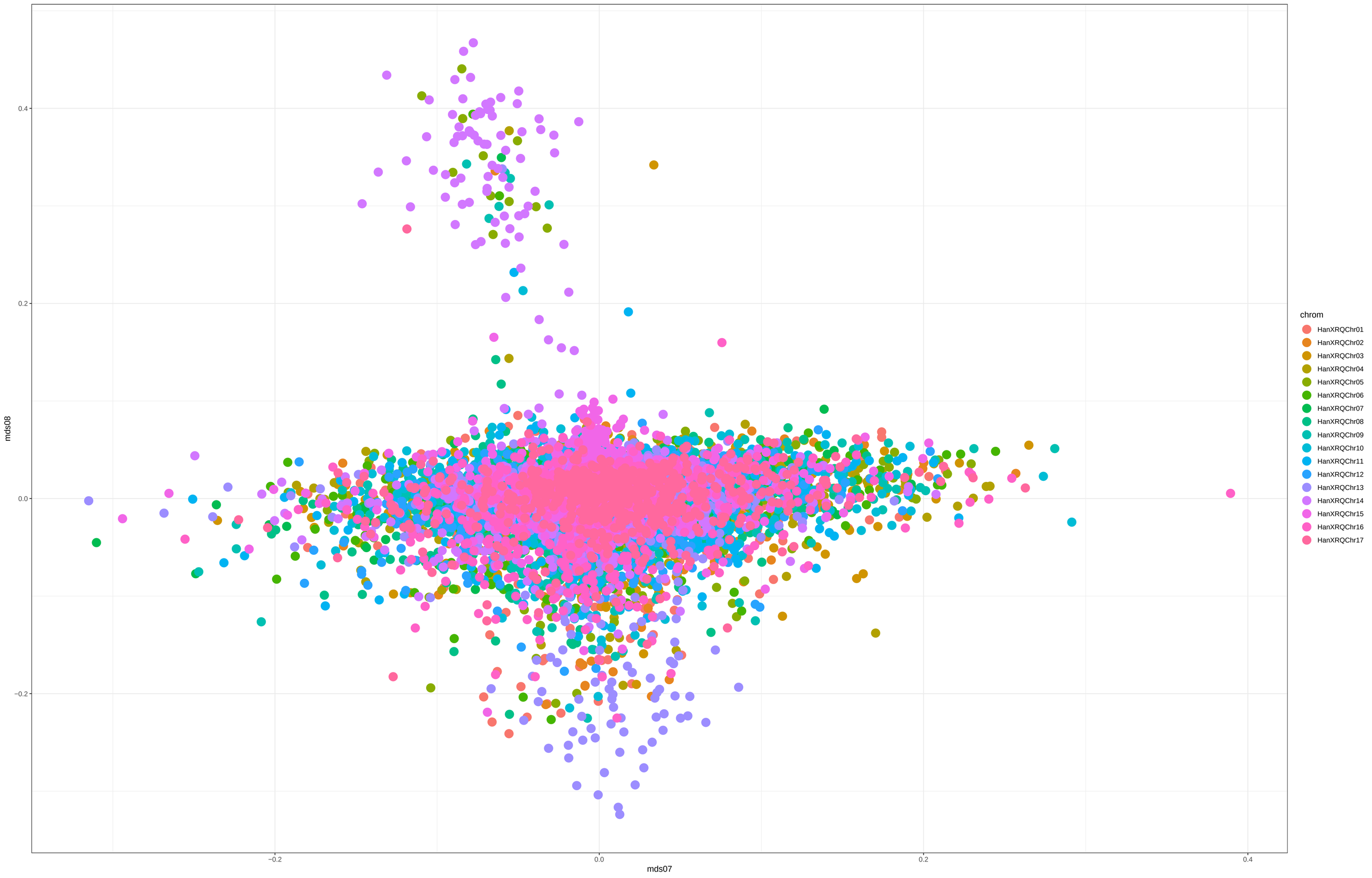
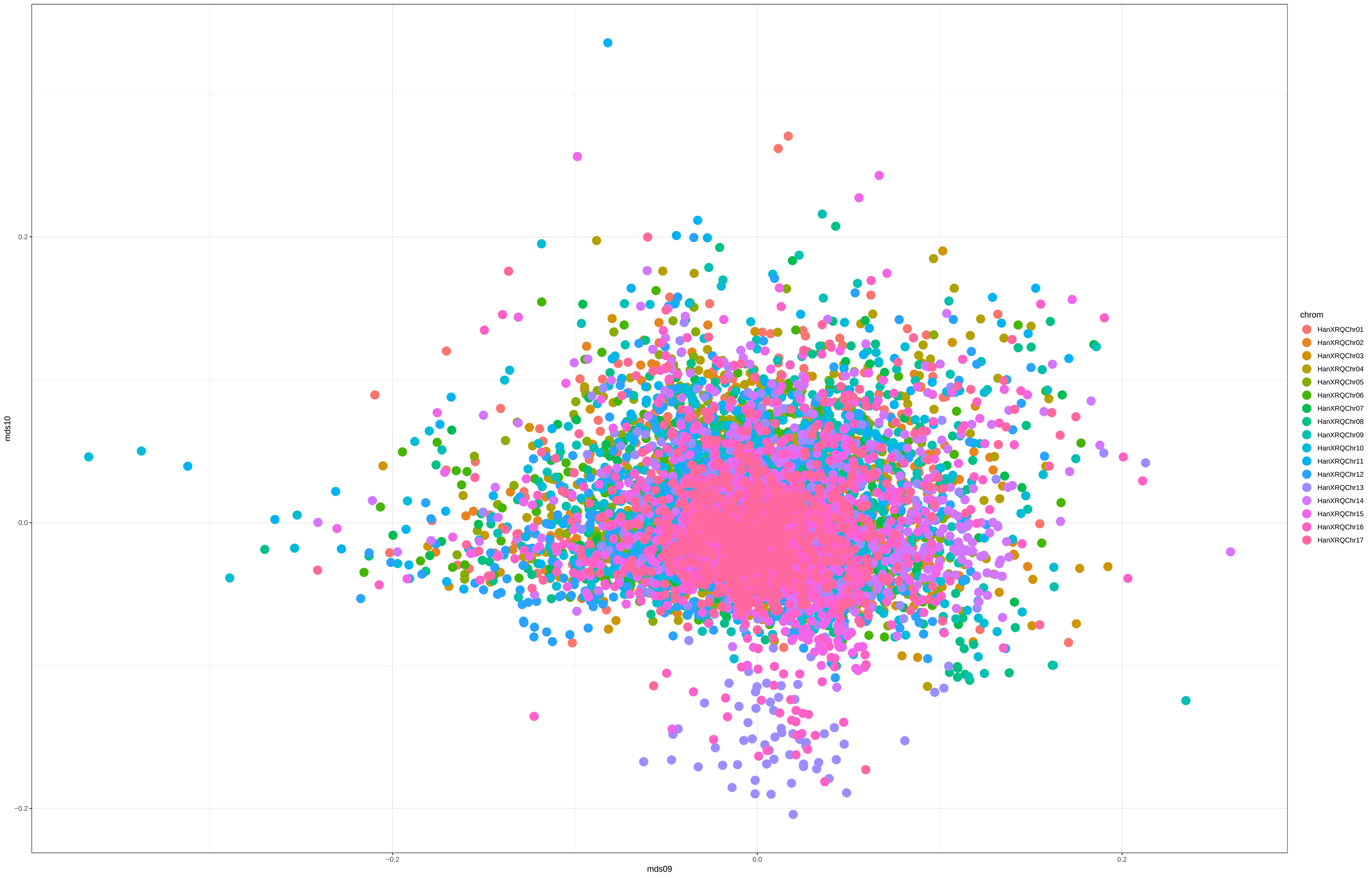
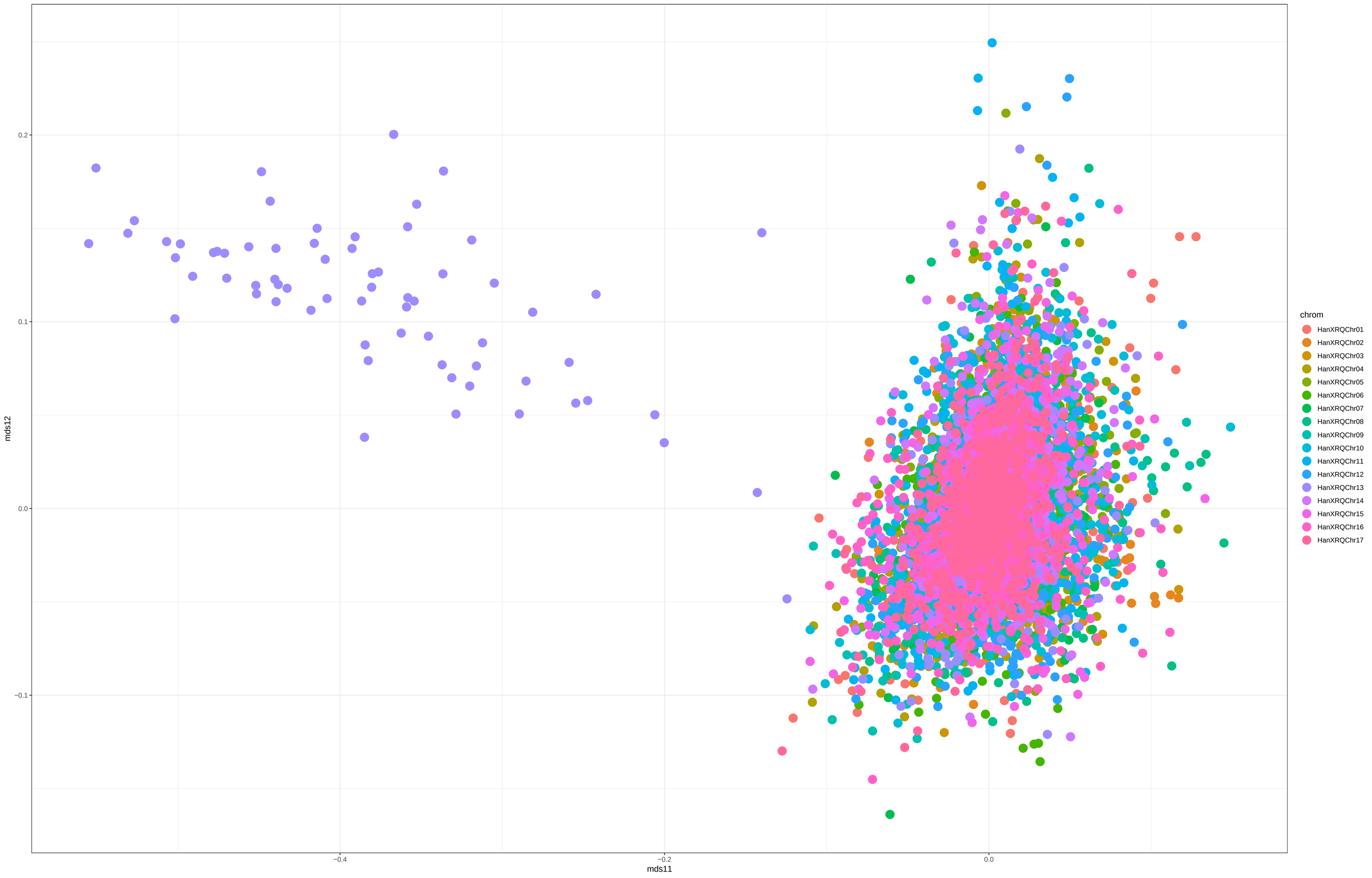

0.50
0.25
0.00
−0.25
−0.50
mds02
−0.50
−0.25
0.00
0.25
mds01
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17

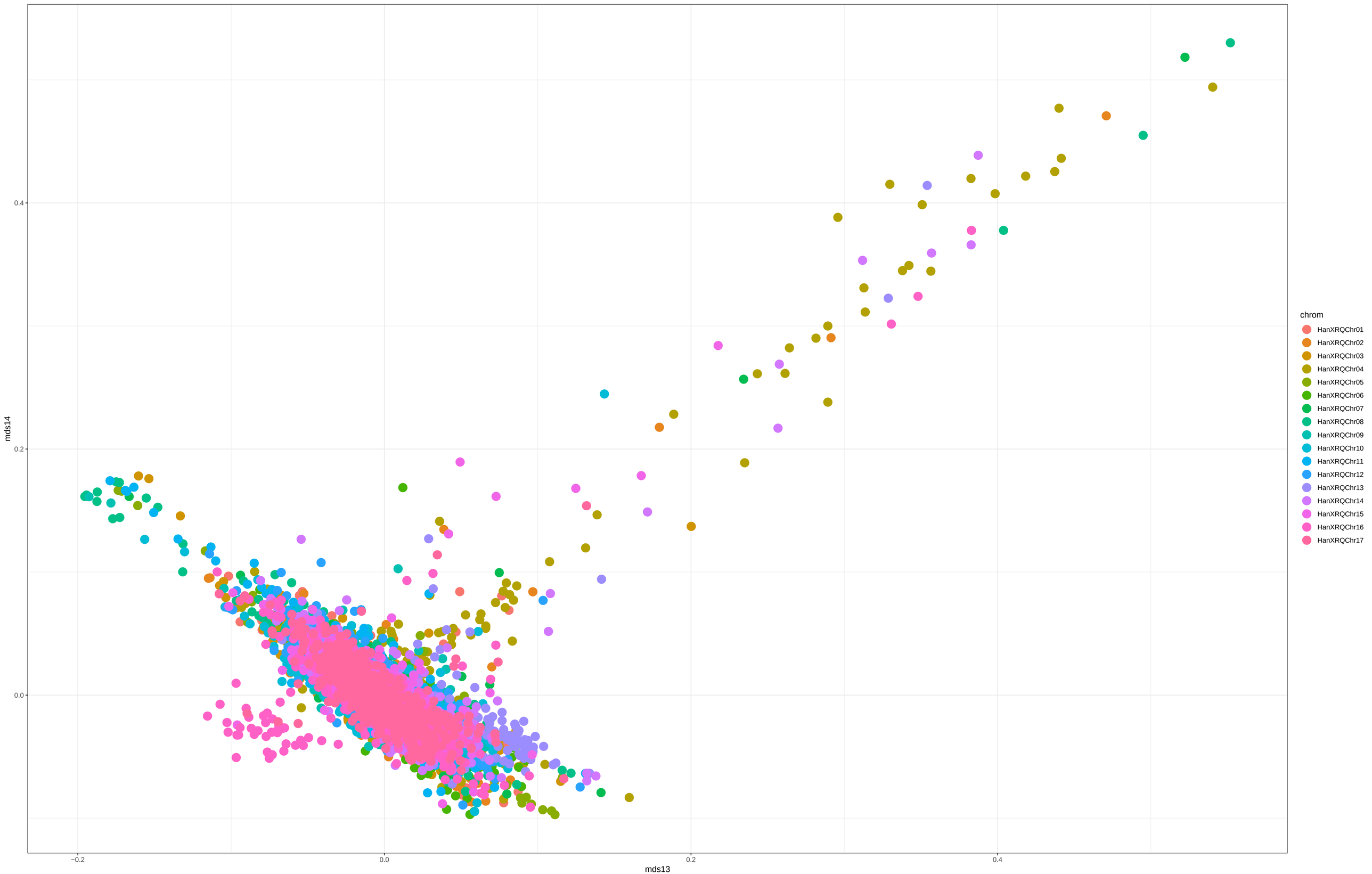

0.2
0.0
−0.2
−0.4
−0.6
−0.8
mds04
−0.1
0.0
0.1
0.2
0.3
0.4
mds03
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17

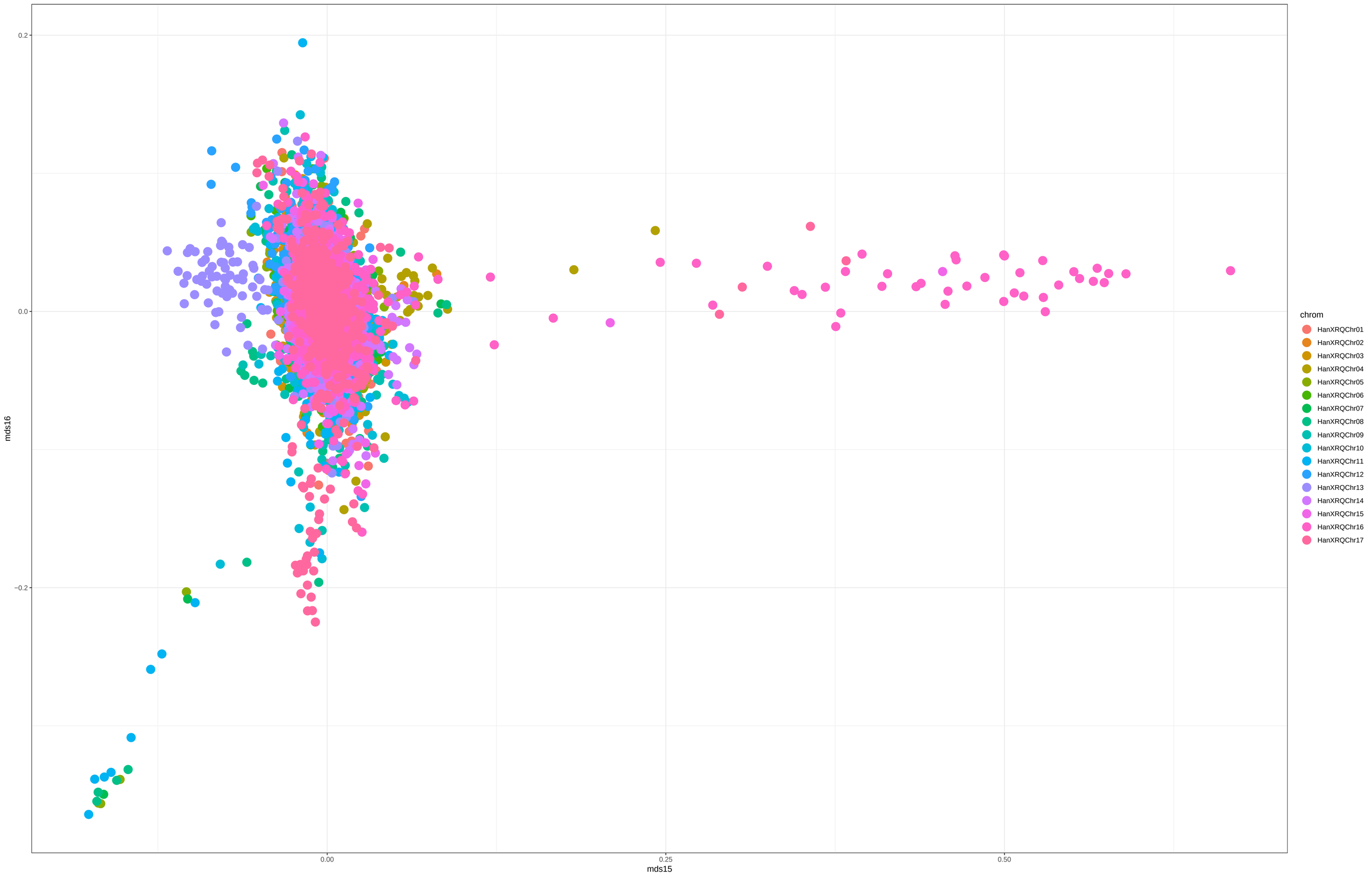

0.0
−0.2
−0.4
−0.6
mds06
−0.25
0.00
0.25
mds05
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17

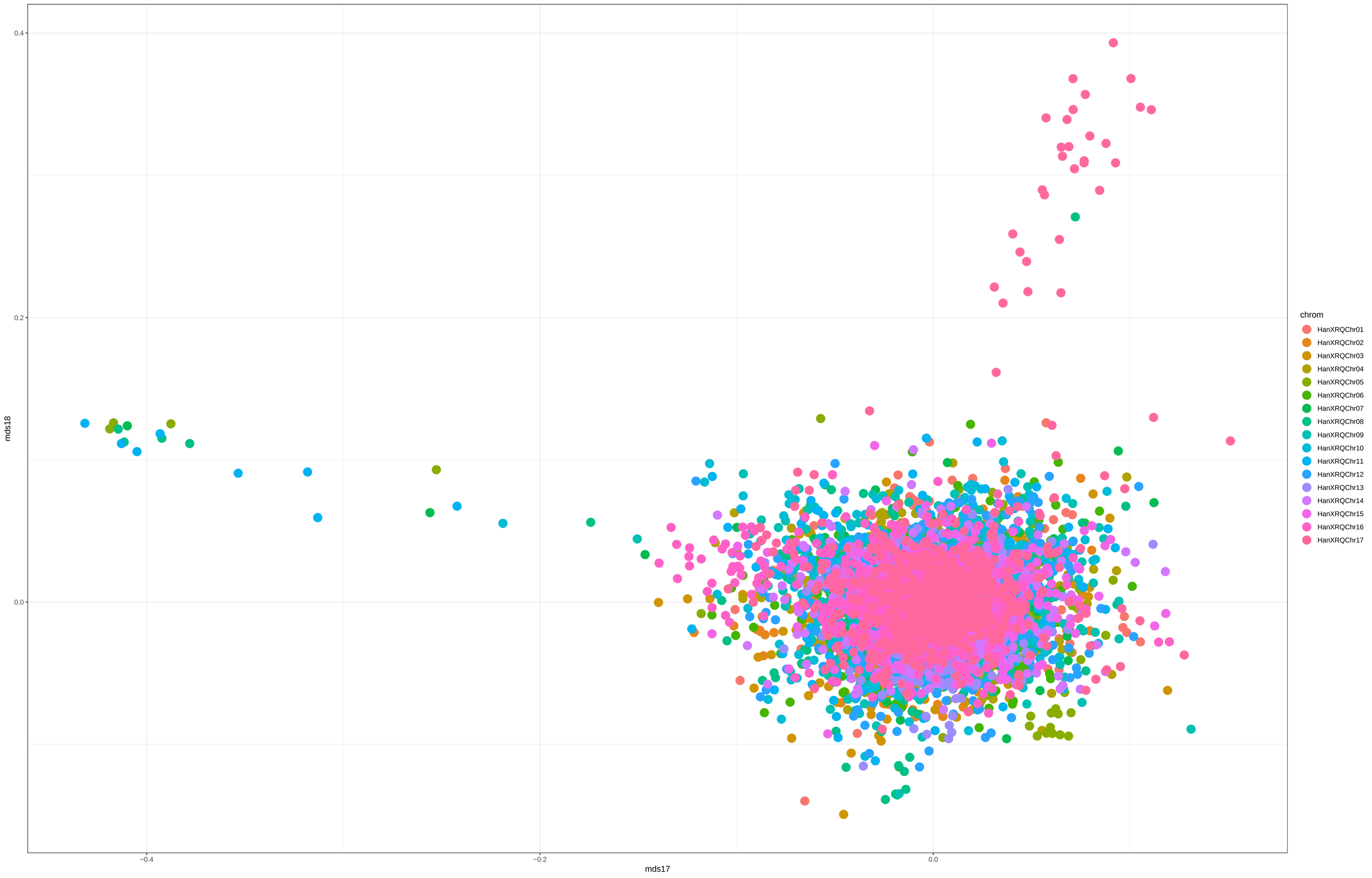

0.4
0.2
0.0
−0.2
mds08
−0.2
0.0
0.2
0.4
mds07
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17

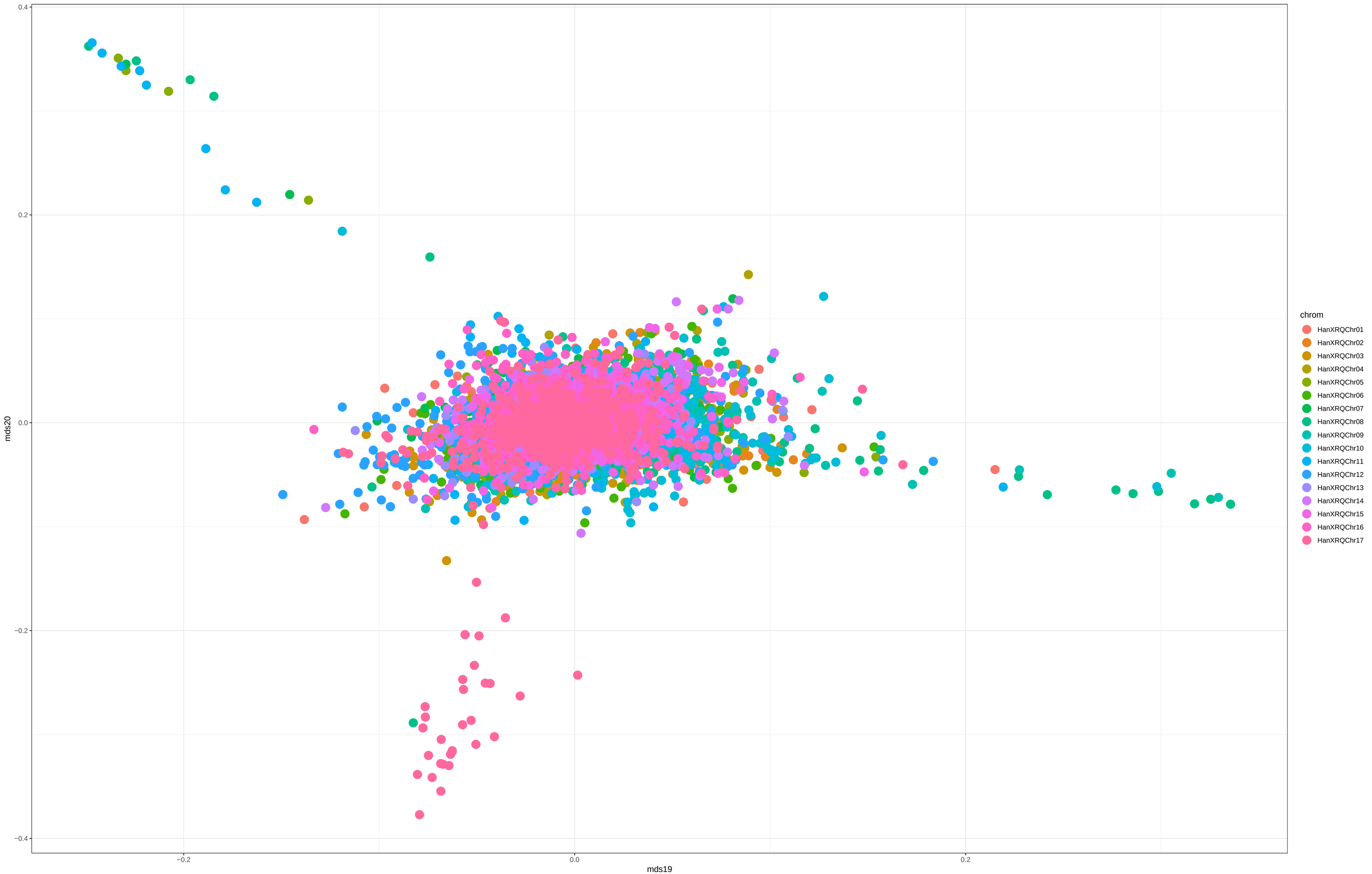

0.2
0.0
−0.2
mds10
−0.2
0.0
0.2
mds09
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17

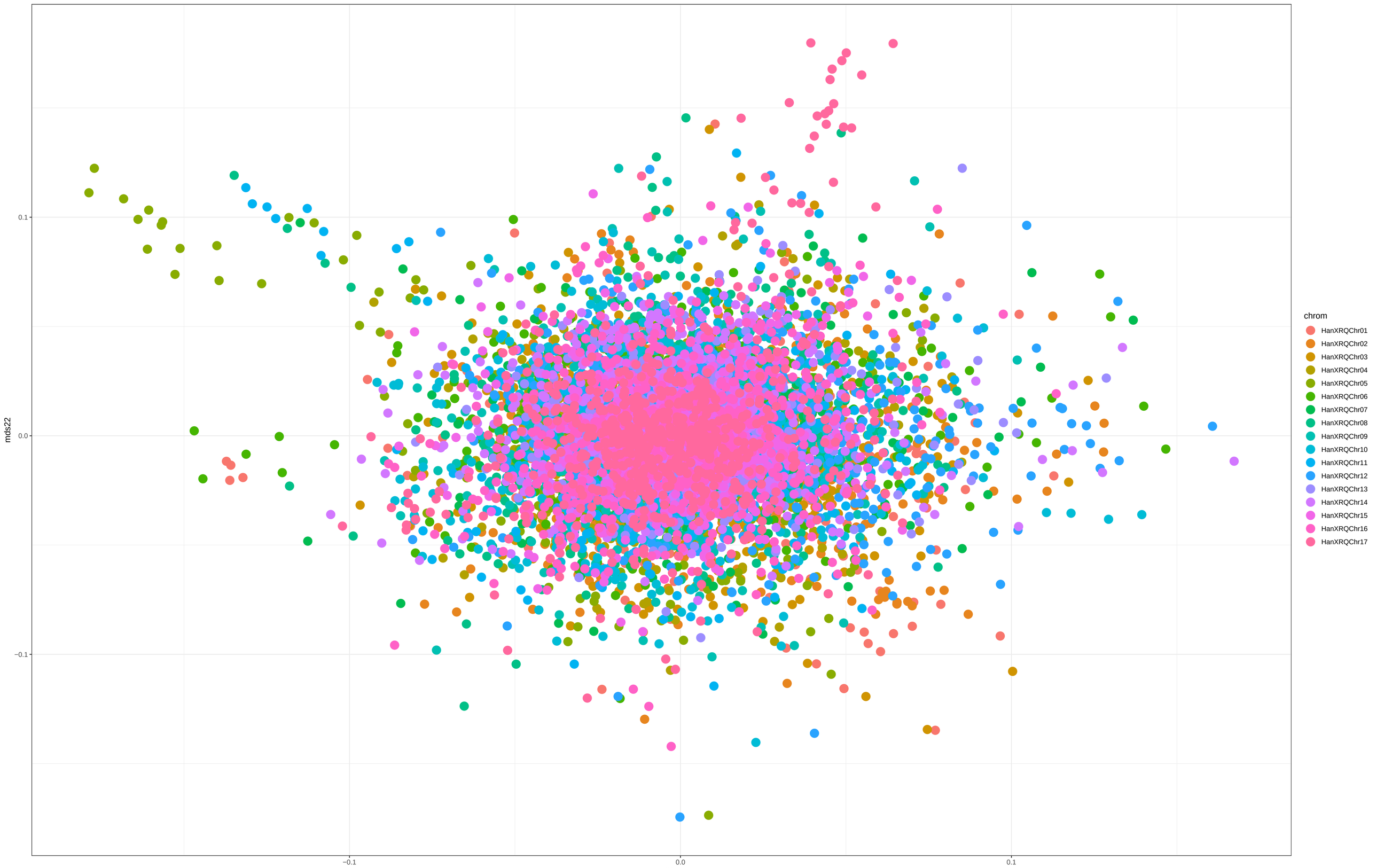

0.2
0.1
0.0
−0.1
mds12
−0.4
−0.2
0.0
mds11
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17

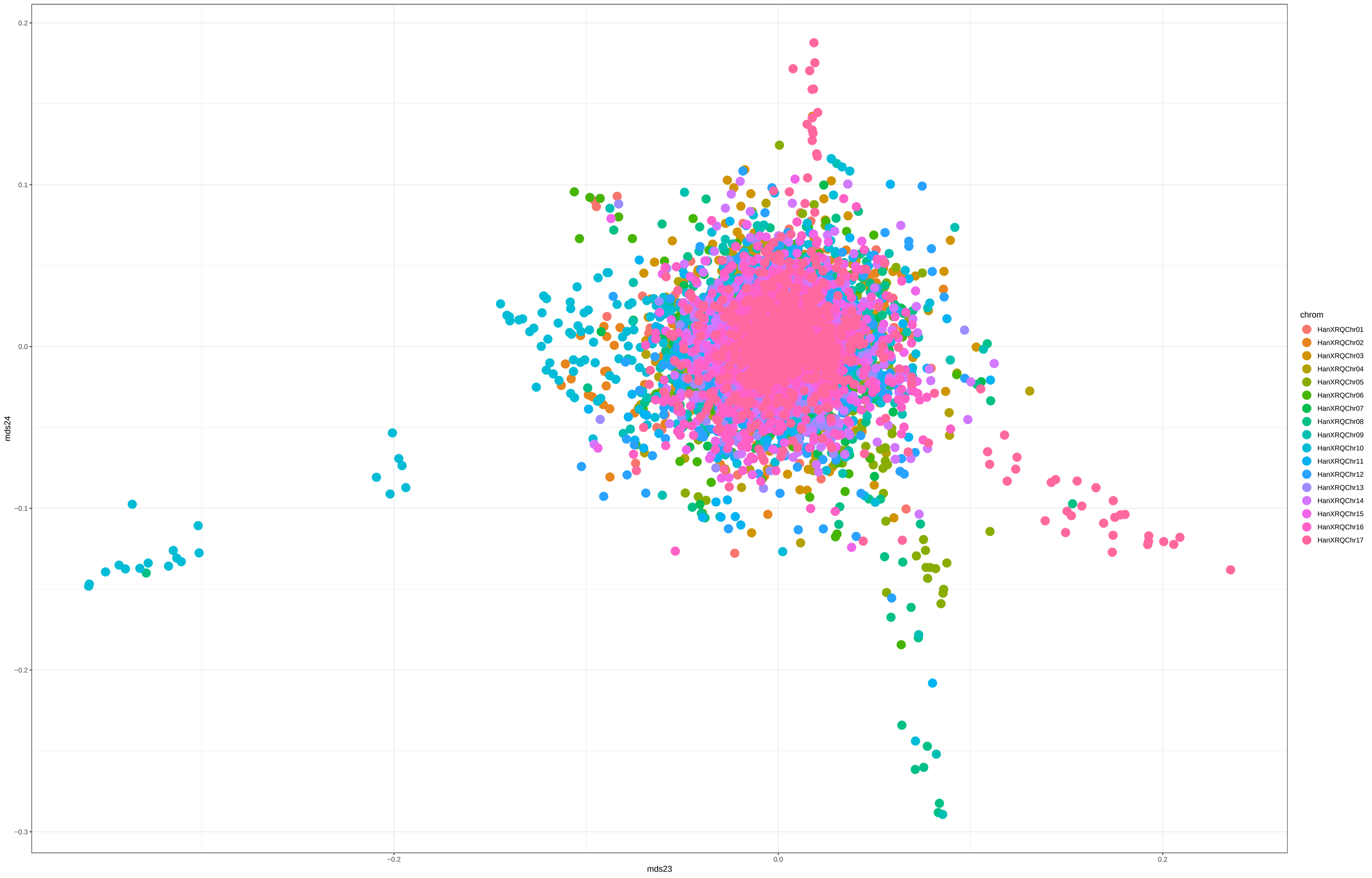

mds14
0.4
0.2
0.0
−0.2
0.0
0.2
0.4
mds13
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17

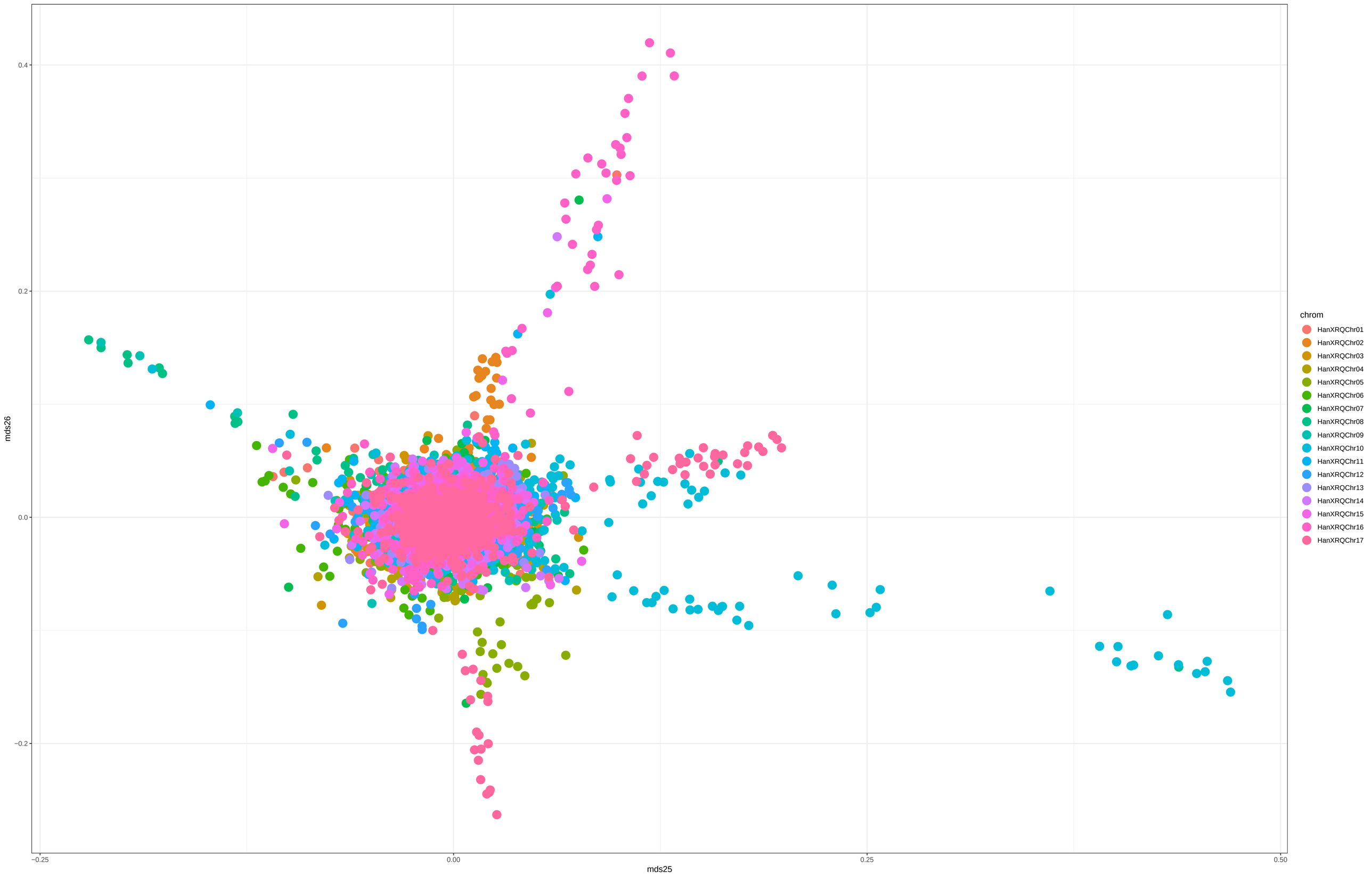

0.2
0.0
−0.2
mds16
0.00
0.25
0.50
mds15
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17

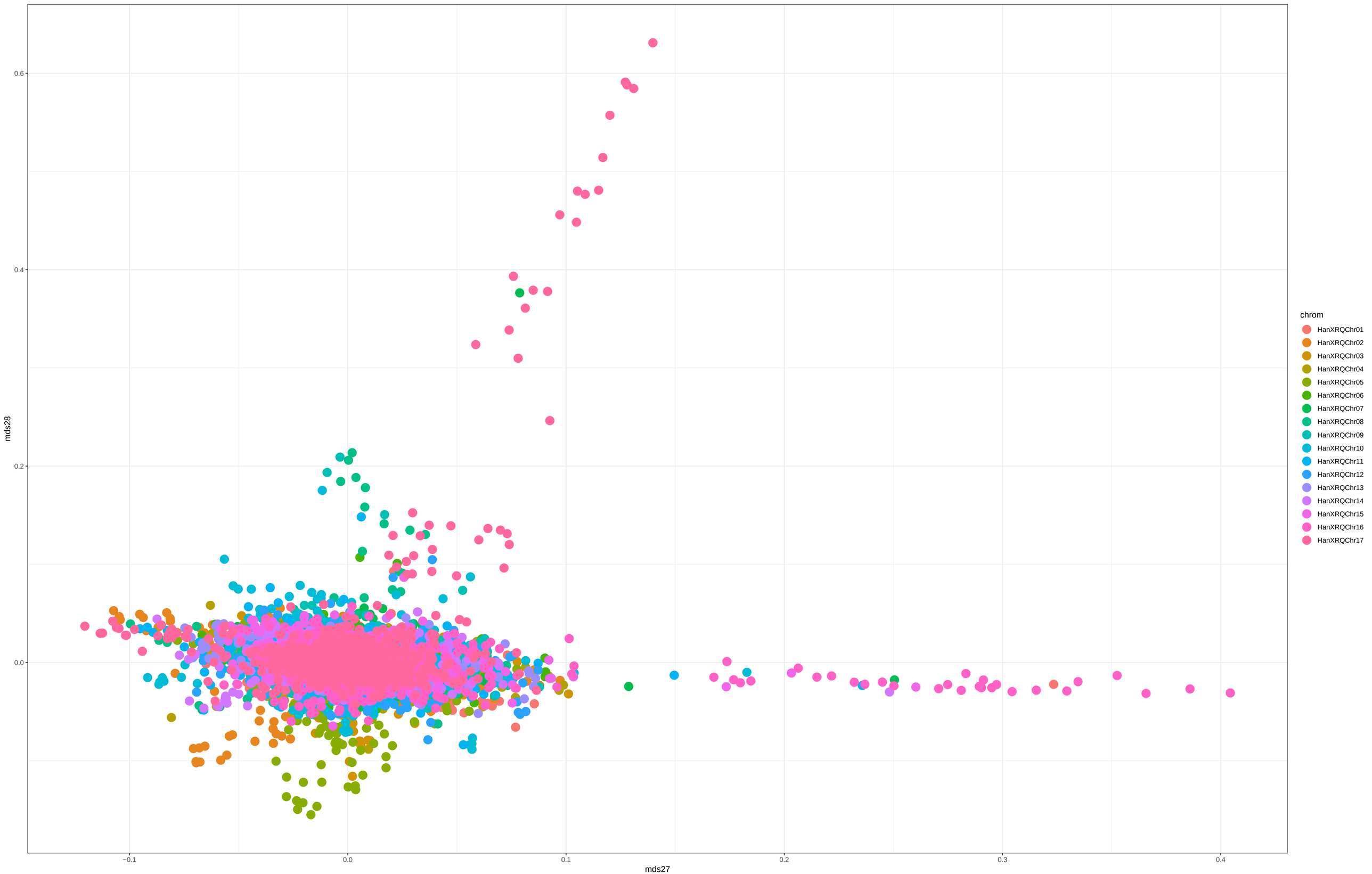

0.4
0.2
0.0
mds18
−0.4
−0.2
0.0
mds17
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17

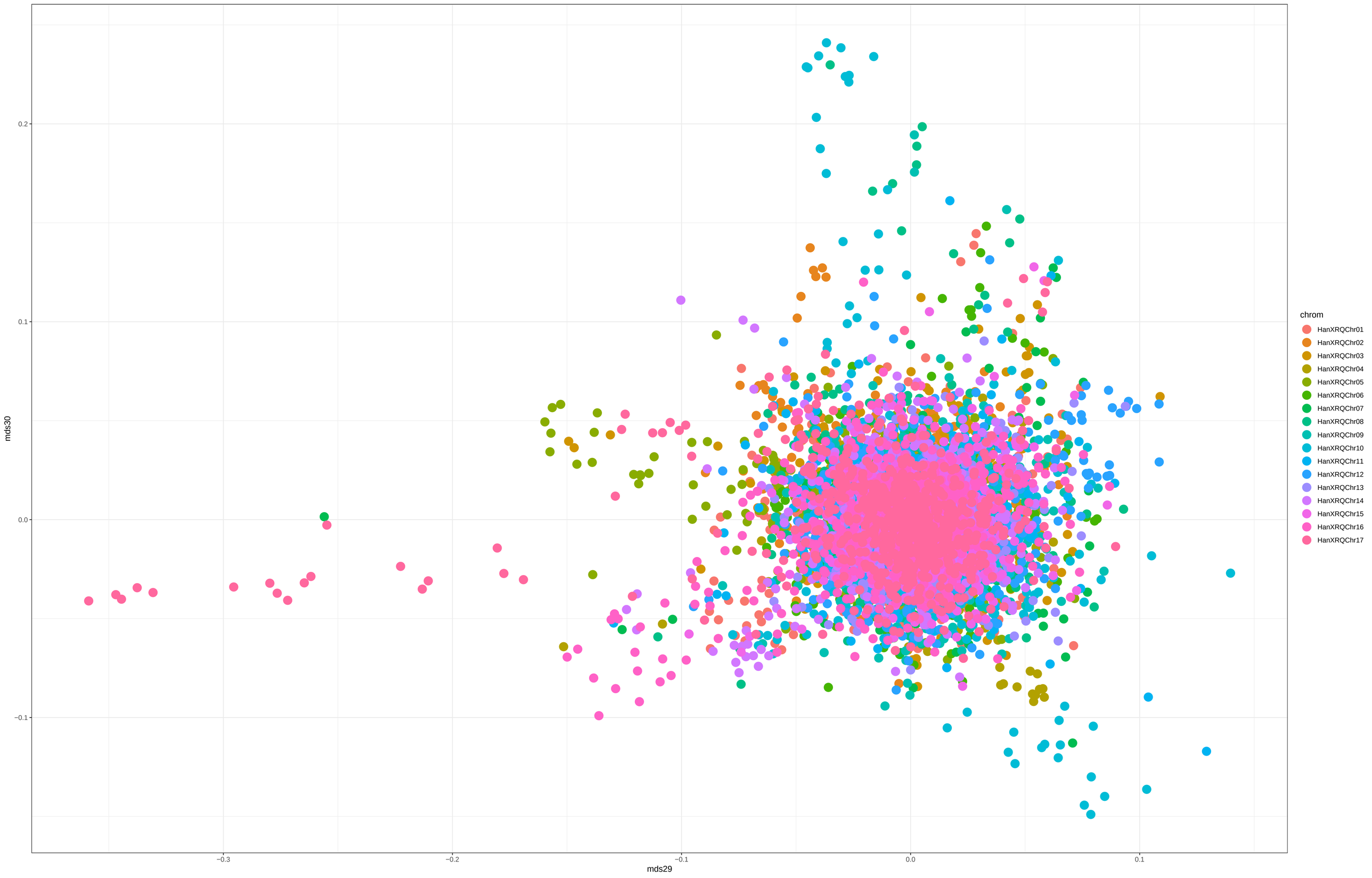

0.4
0.2
0.0
−0.2
−0.4
mds20
−0.2
0.0
0.2
mds19
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17

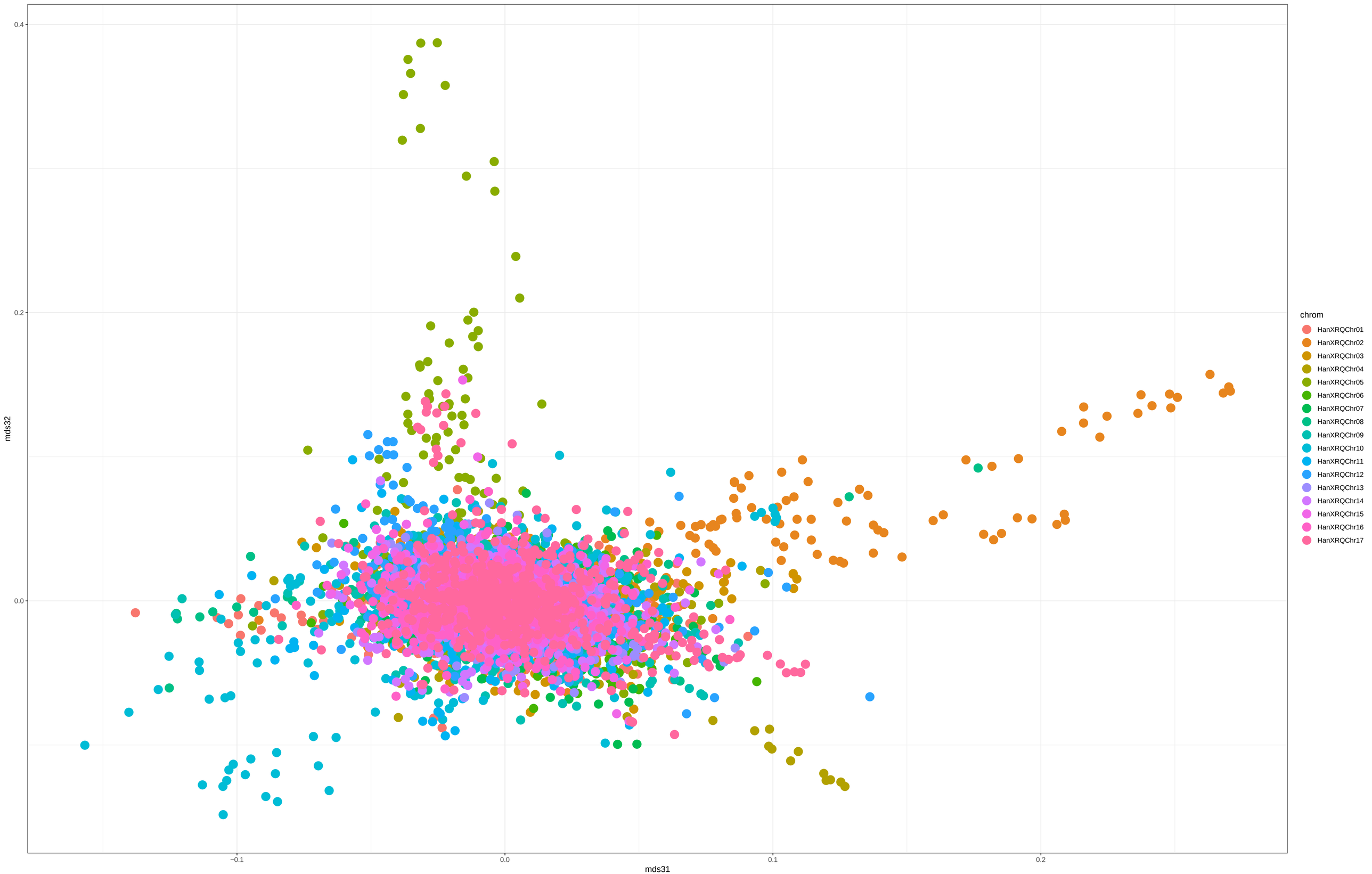

mds22
0.1
0.0
−0.1
−0.1
0.0
0.1
mds21
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17

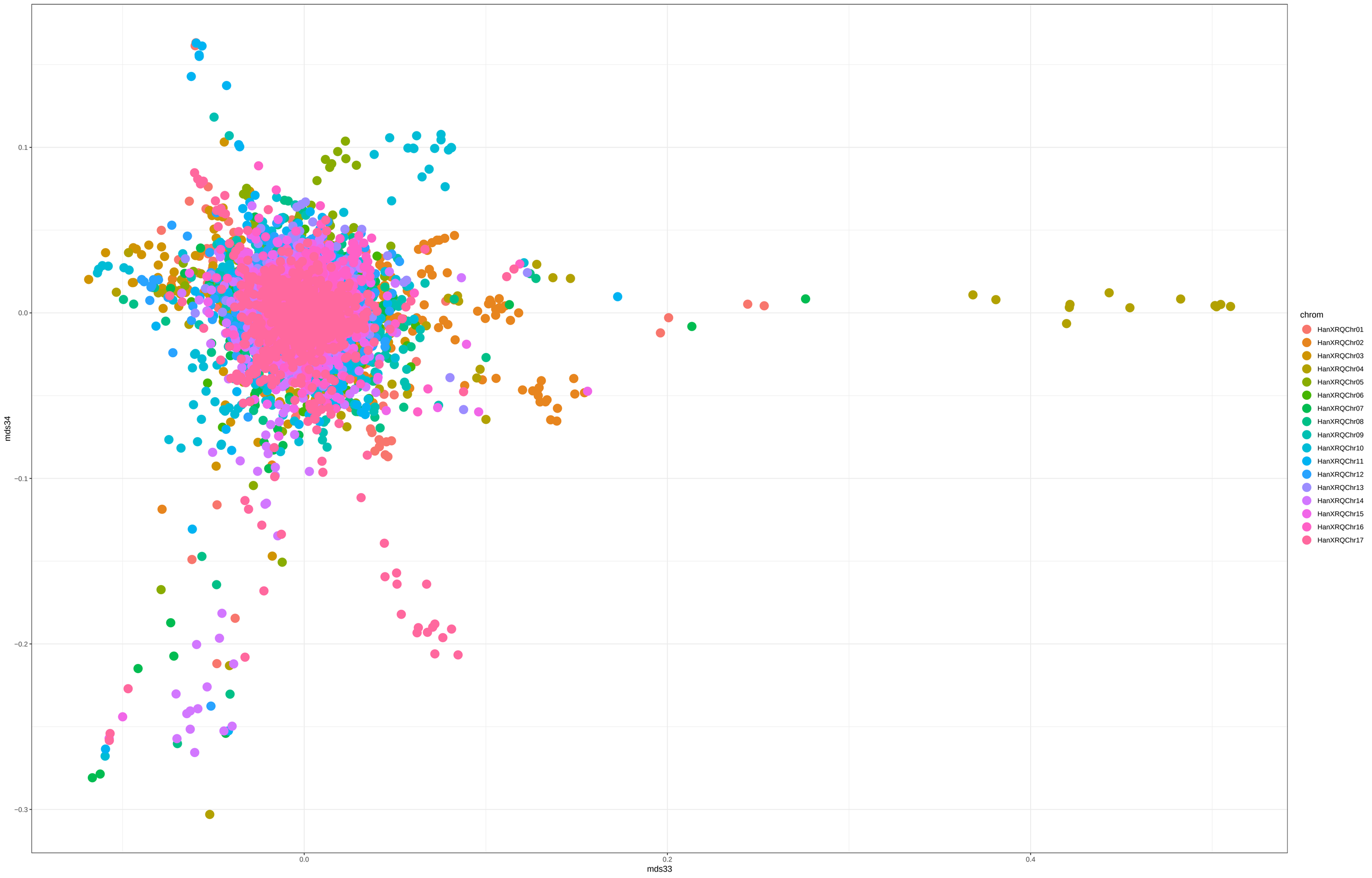

0.2
0.1
0.0
−0.1
−0.2
−0.3
mds24
−0.2
0.0
0.2
mds23
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17

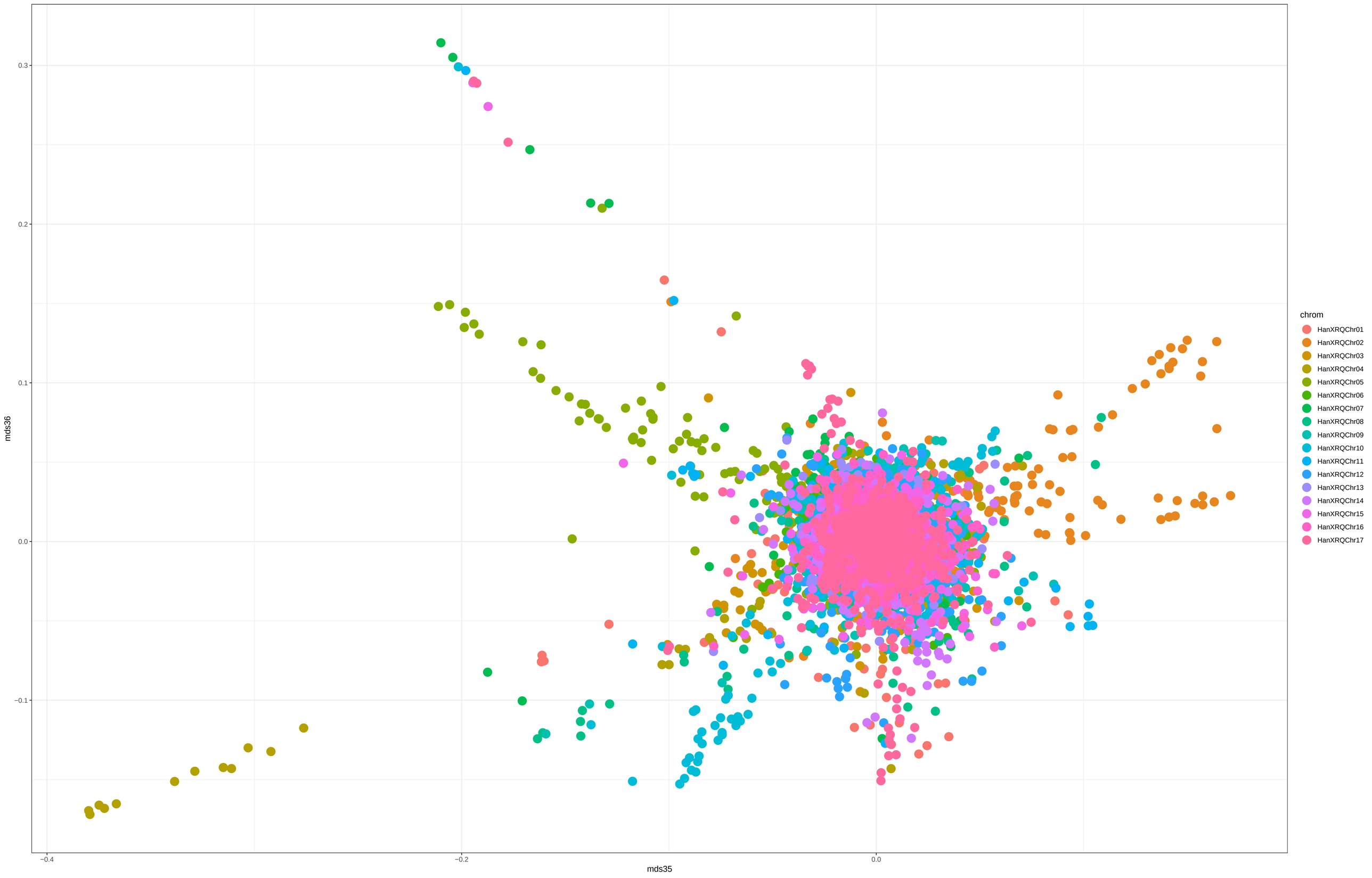

0.4
0.2
0.0
−0.2
mds26
−0.25
0.00
0.25
0.50
mds25
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17

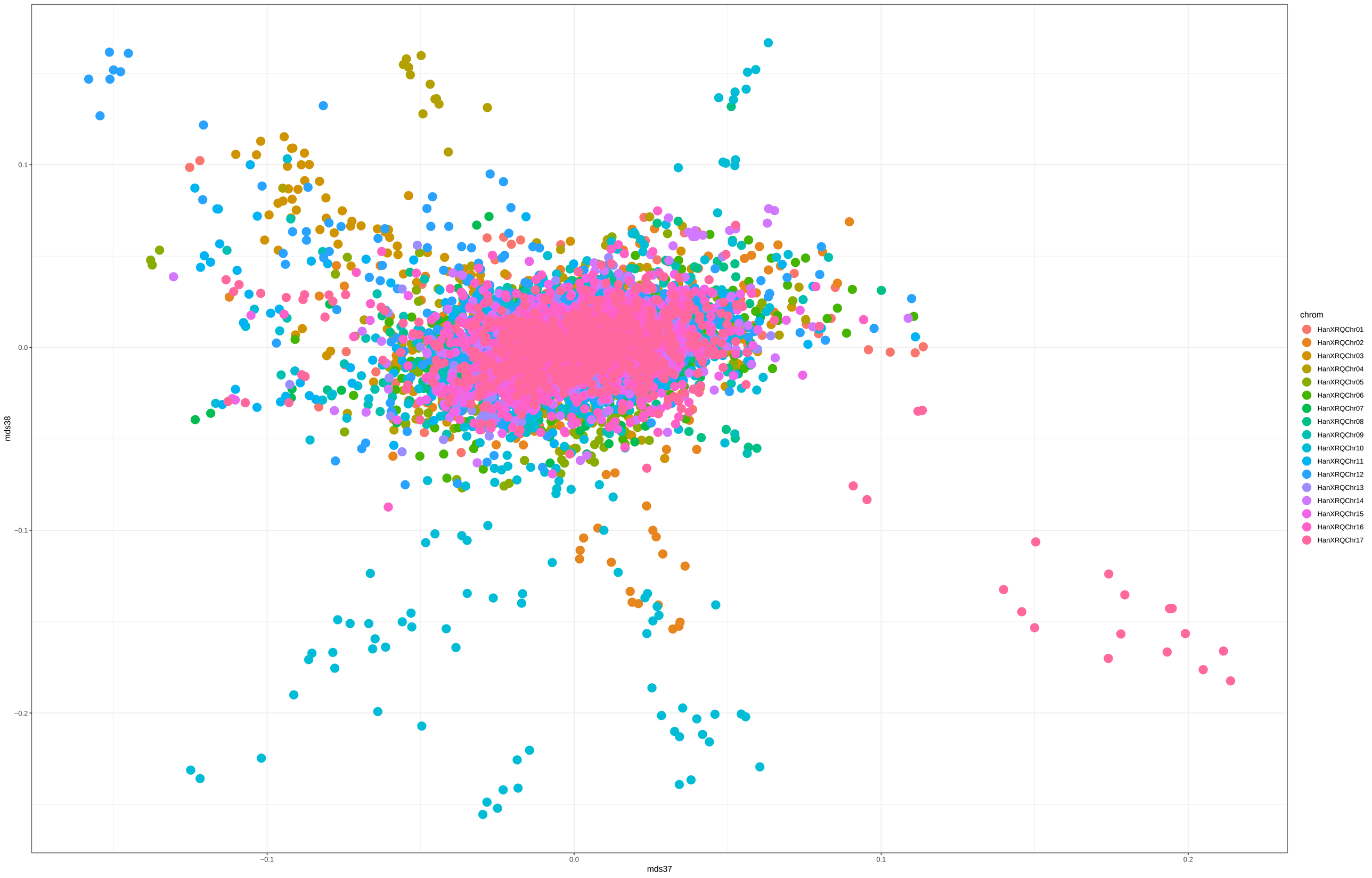

0.6
0.4
0.2
0.0
mds28
−0.1
0.0
0.1
0.2
0.3
0.4
mds27
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17

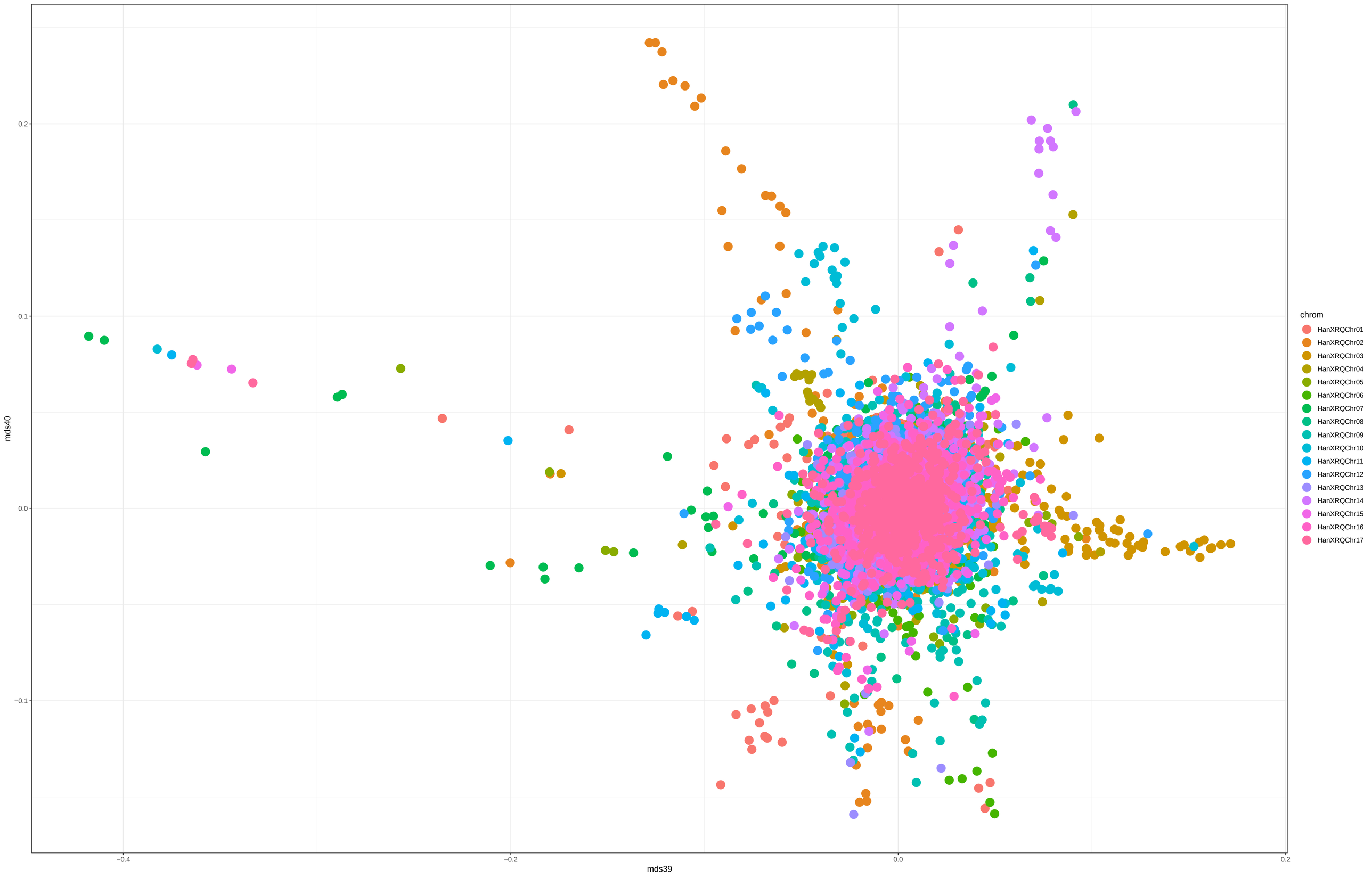

mds30
0.2
0.1
0.0
−0.1
−0.3
−0.2
−0.1
0.0
0.1
mds29
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17

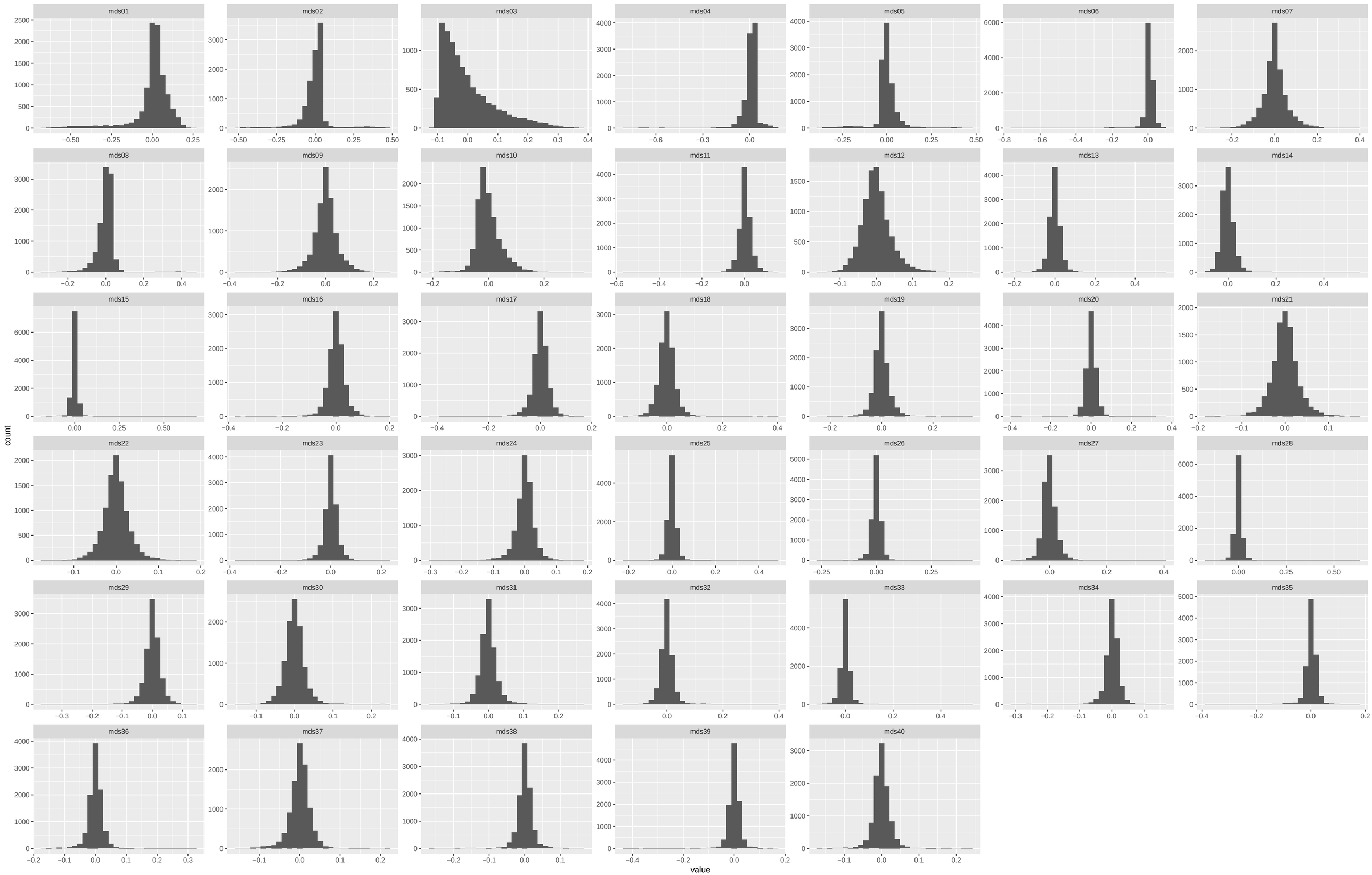

0.4
0.2
0.0
mds32
−0.1
0.0
0.1
0.2
mds31
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17


0.1
0.0
−0.1
−0.2
−0.3
mds34
0.0
0.2
0.4
mds33
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17


0.3
0.2
0.1
0.0
−0.1
mds36
−0.4
−0.2
0.0
mds35
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17


0.1
0.0
−0.1
−0.2
mds38
−0.1
0.0
0.1
0.2
mds37
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17


0.2
0.1
0.0
−0.1
mds40
−0.4
−0.2
0.0
0.2
mds39
chrom
HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17


mds01
mds02
mds03
mds04
mds05
mds06
mds07
mds08
mds09
mds10
mds11
mds12
mds13
mds14
mds15
mds16
mds17
mds18
mds19
mds20
mds21
mds22
mds23
mds24
mds25
mds26
mds27
mds28
mds29
mds30
mds31
mds32
mds33
mds34
mds35
mds36
mds37
mds38
mds39
mds40
count
value

HanXRQChr01
HanXRQChr02
HanXRQChr03
HanXRQChr04
HanXRQChr05
HanXRQChr06
HanXRQChr07
HanXRQChr08
HanXRQChr09
HanXRQChr10
HanXRQChr11
HanXRQChr12
HanXRQChr13
HanXRQChr14
HanXRQChr15
HanXRQChr16
HanXRQChr17
value
mid