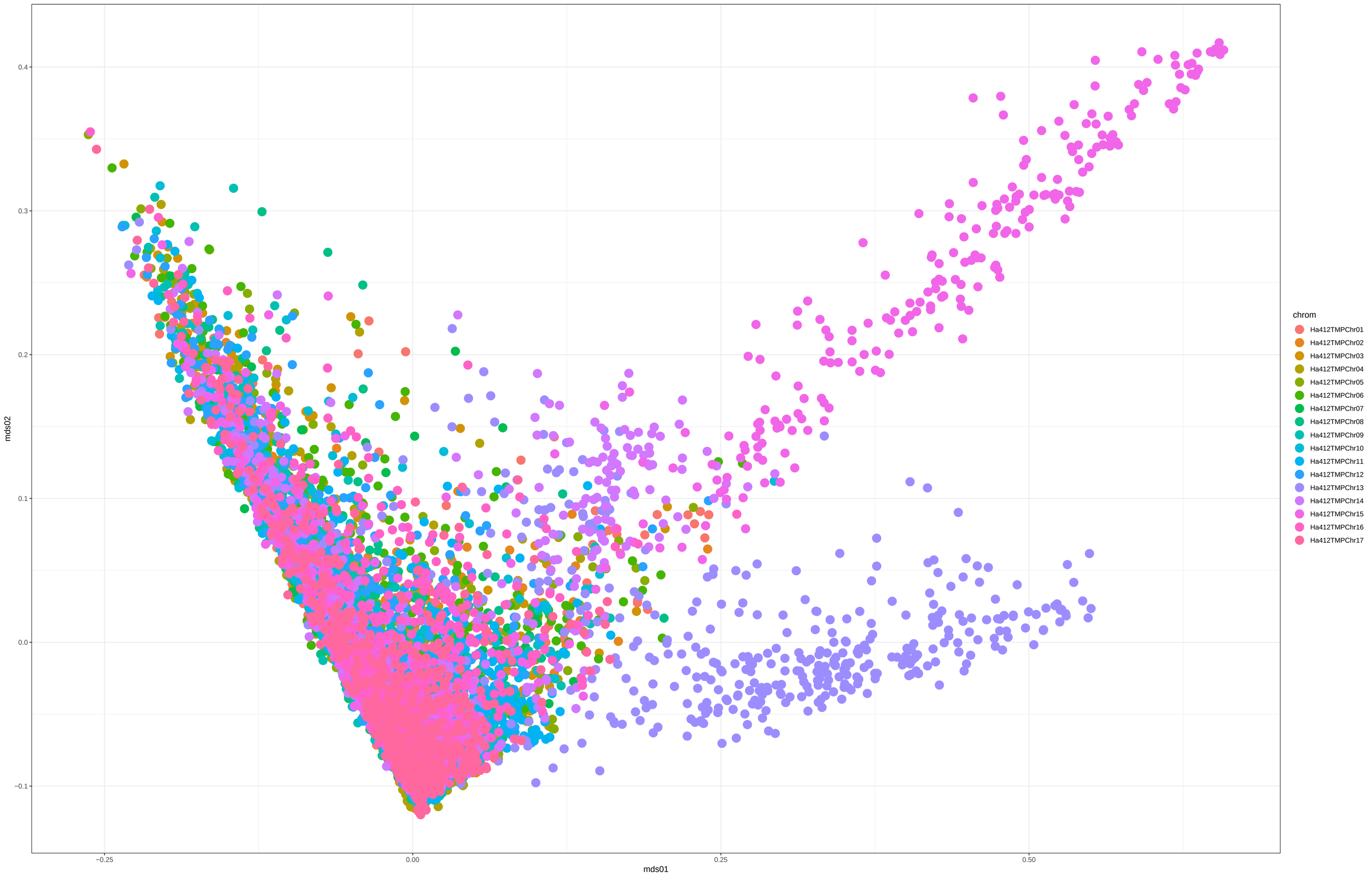
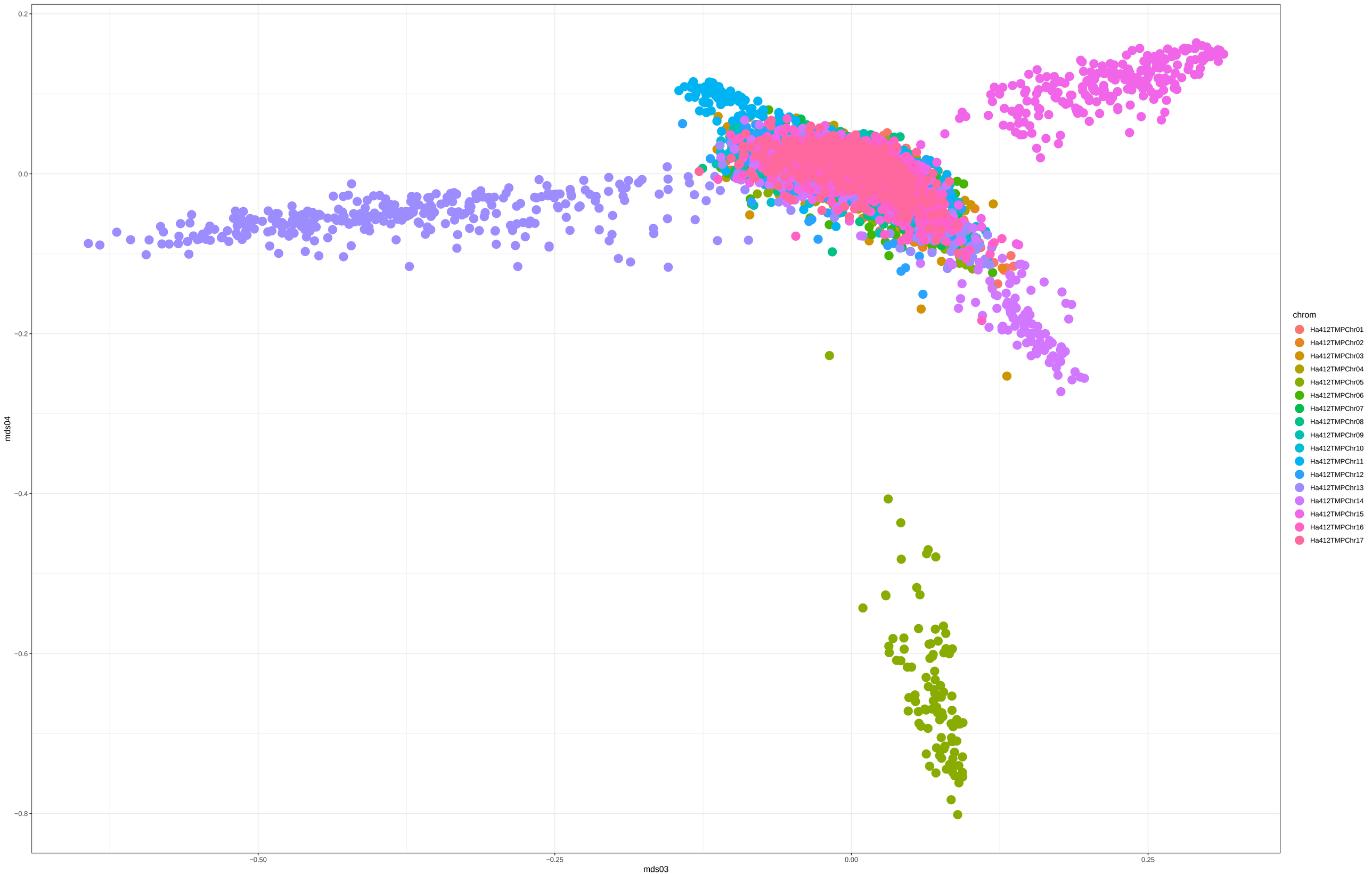
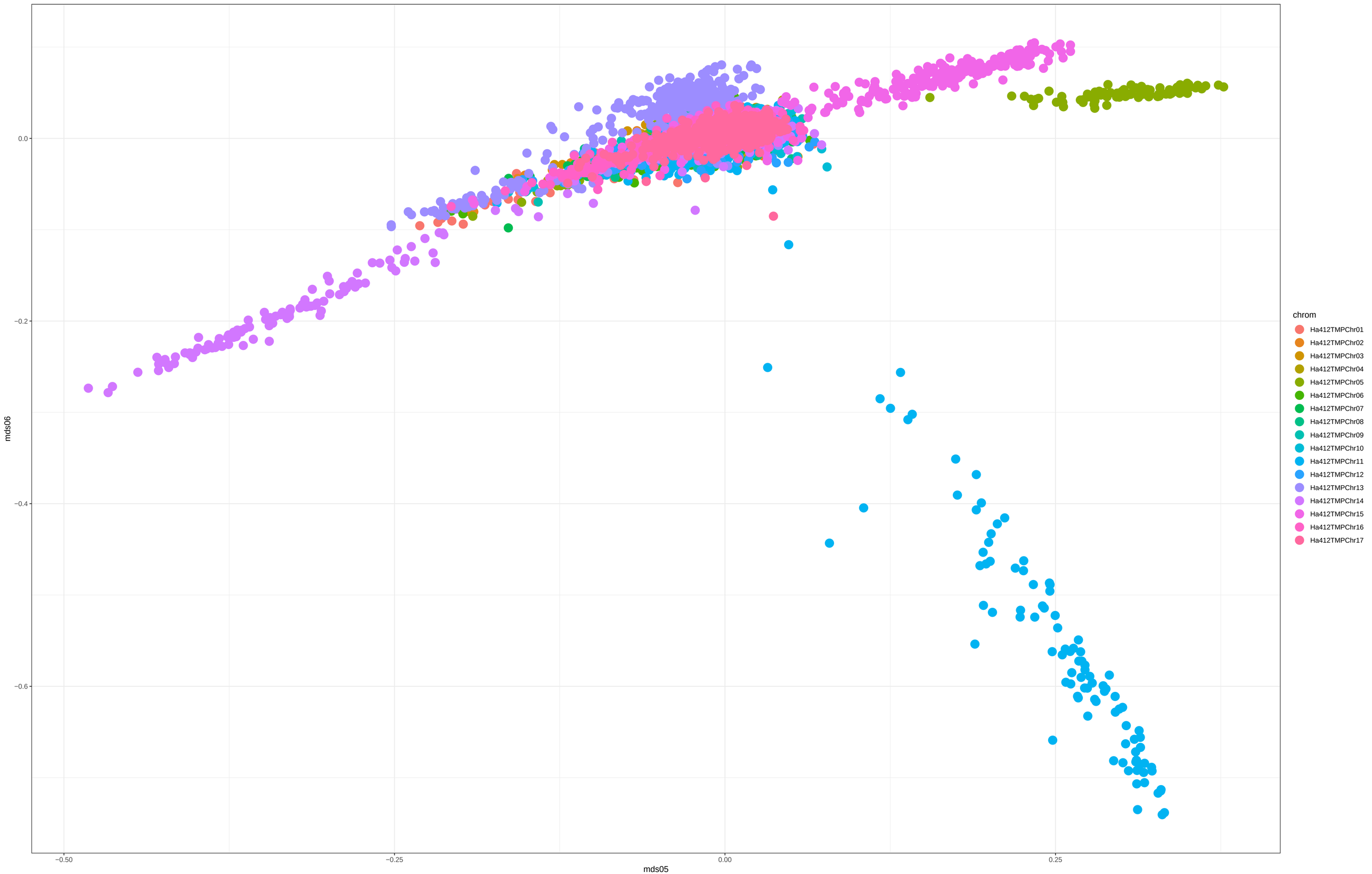
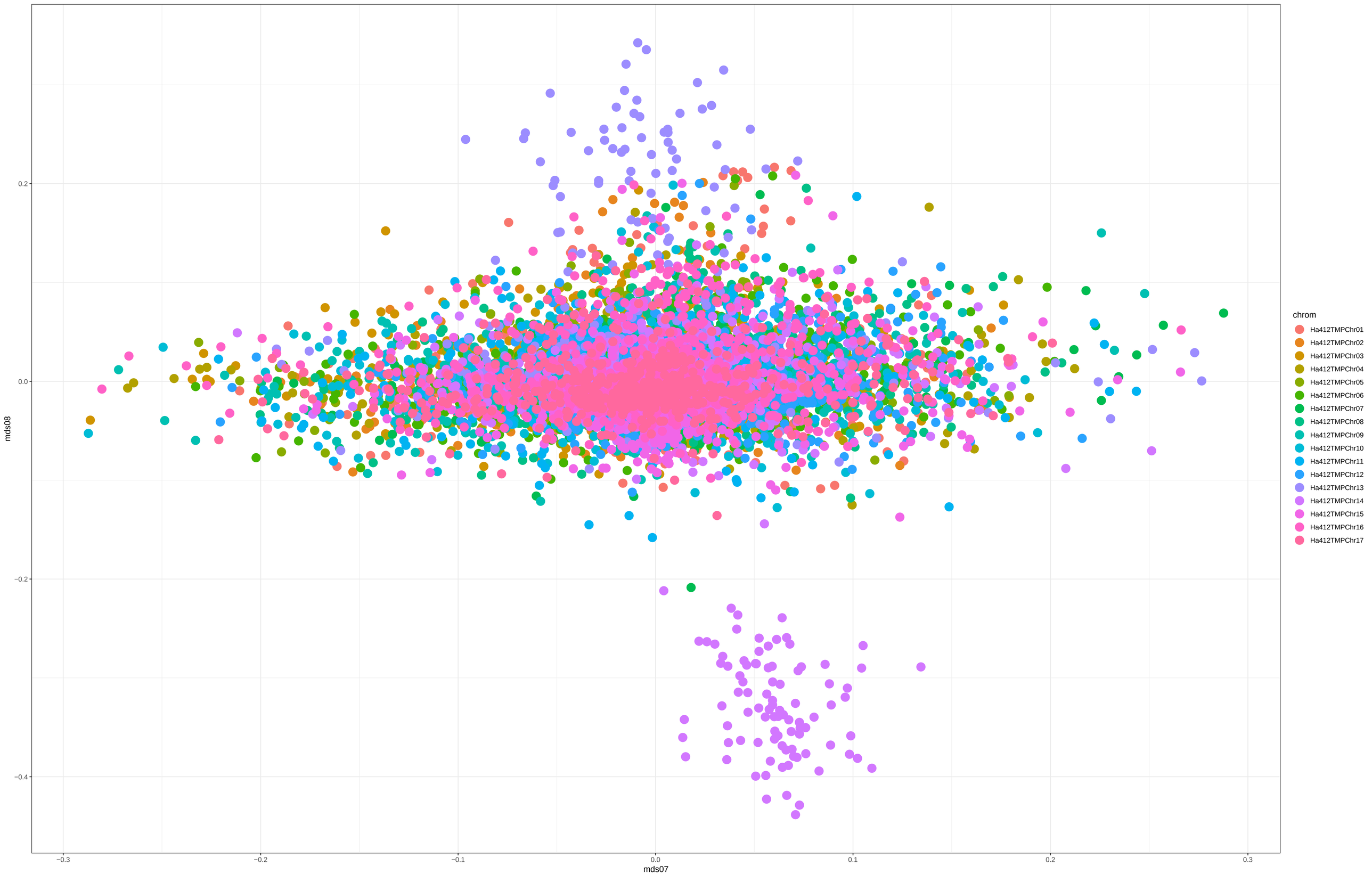
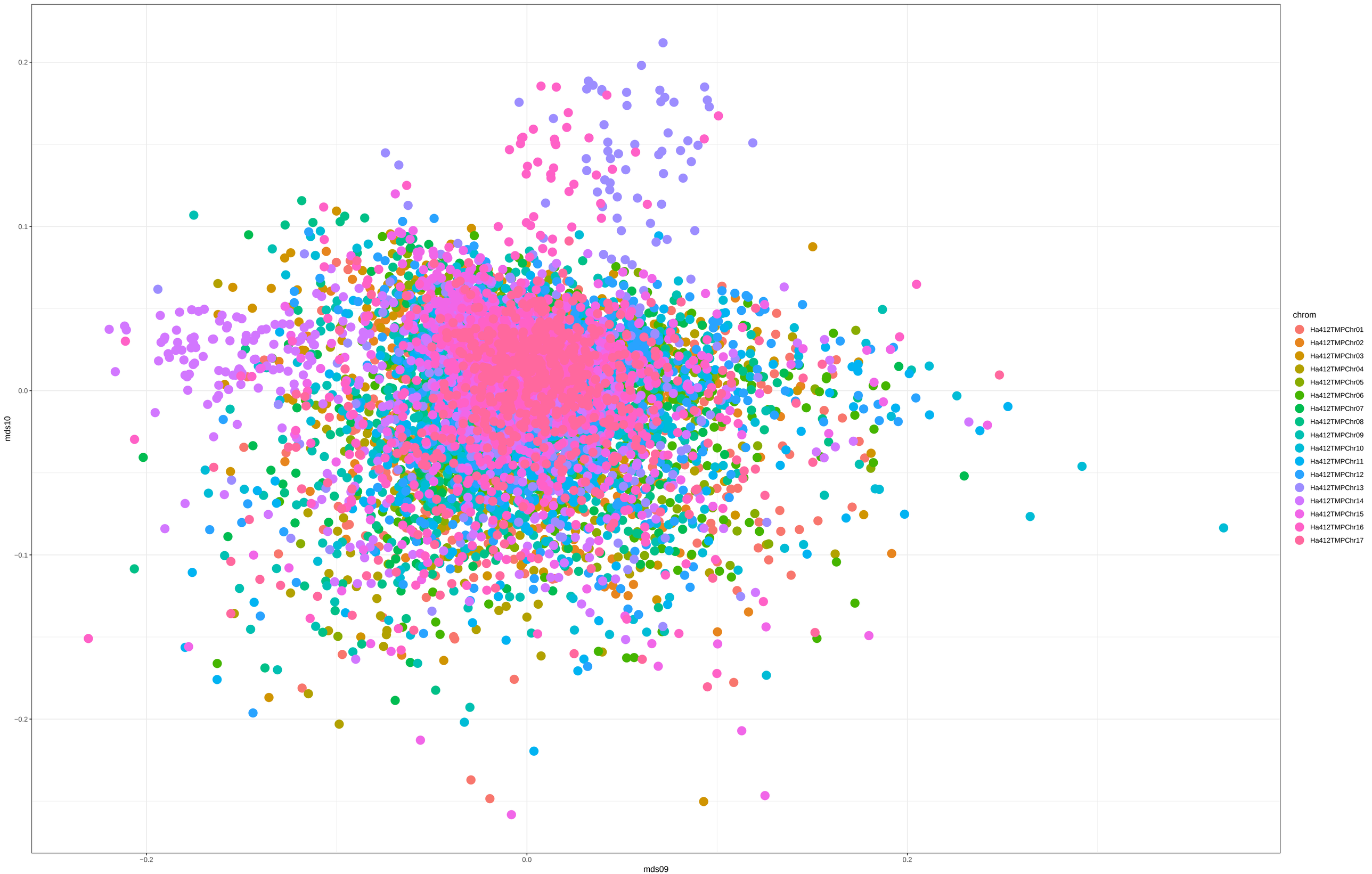
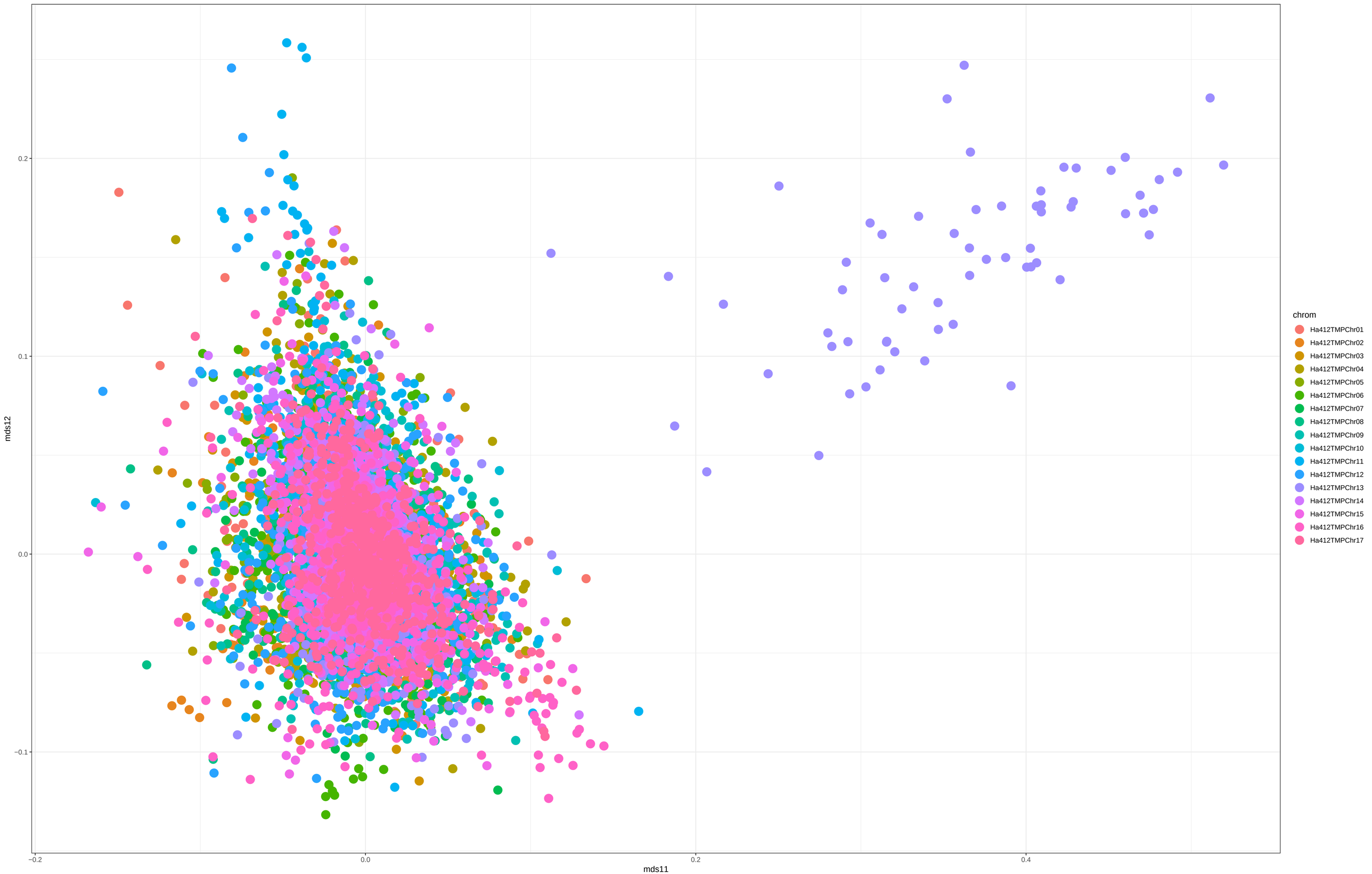

0.4
0.3
0.2
0.1
0.0
−0.1
mds02
−0.25
0.00
0.25
0.50
mds01
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17

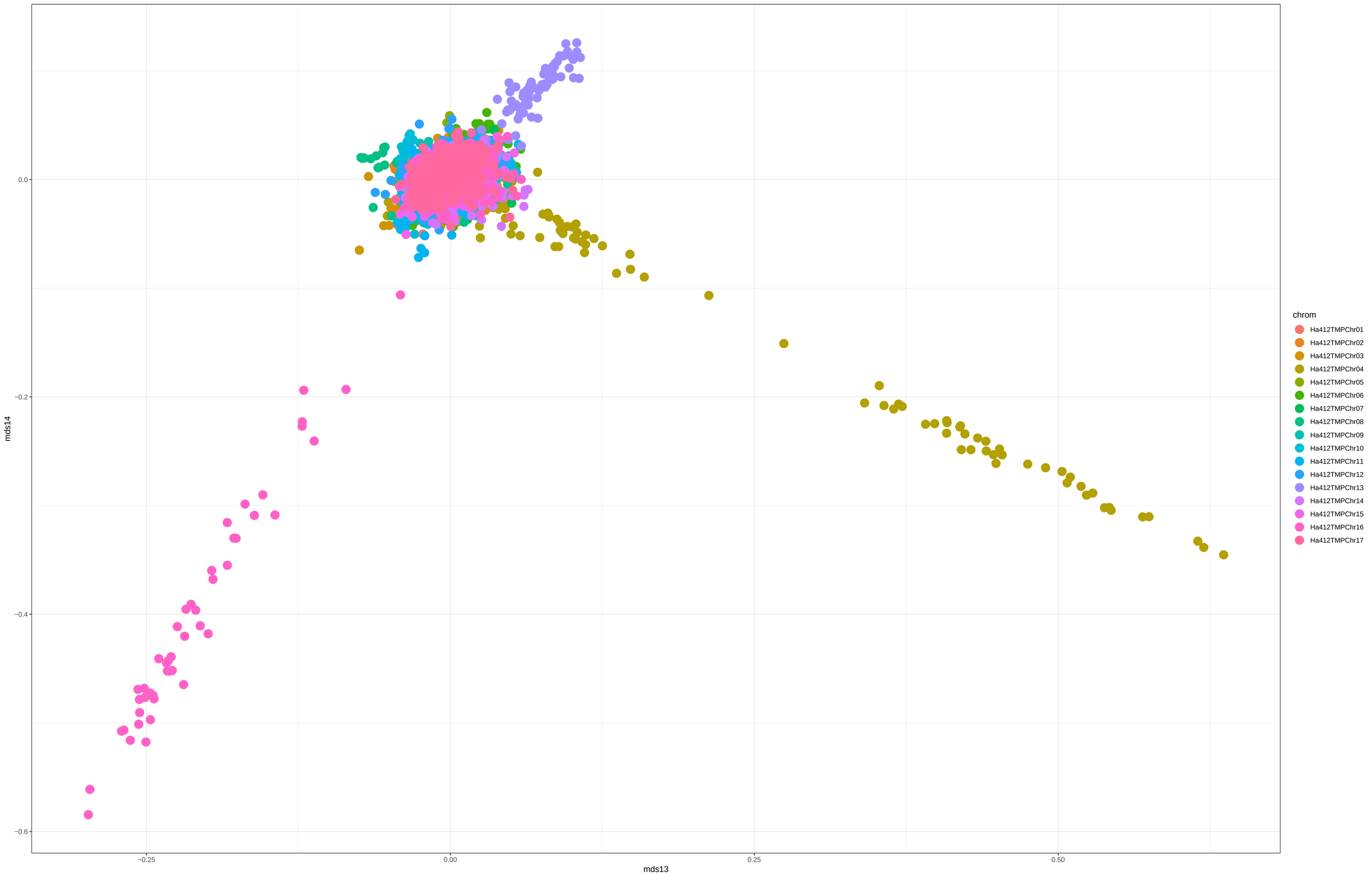

0.2
0.0
−0.2
−0.4
−0.6
−0.8
mds04
−0.50
−0.25
0.00
0.25
mds03
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17


0.0
−0.2
−0.4
−0.6
mds06
−0.50
−0.25
0.00
0.25
mds05
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17

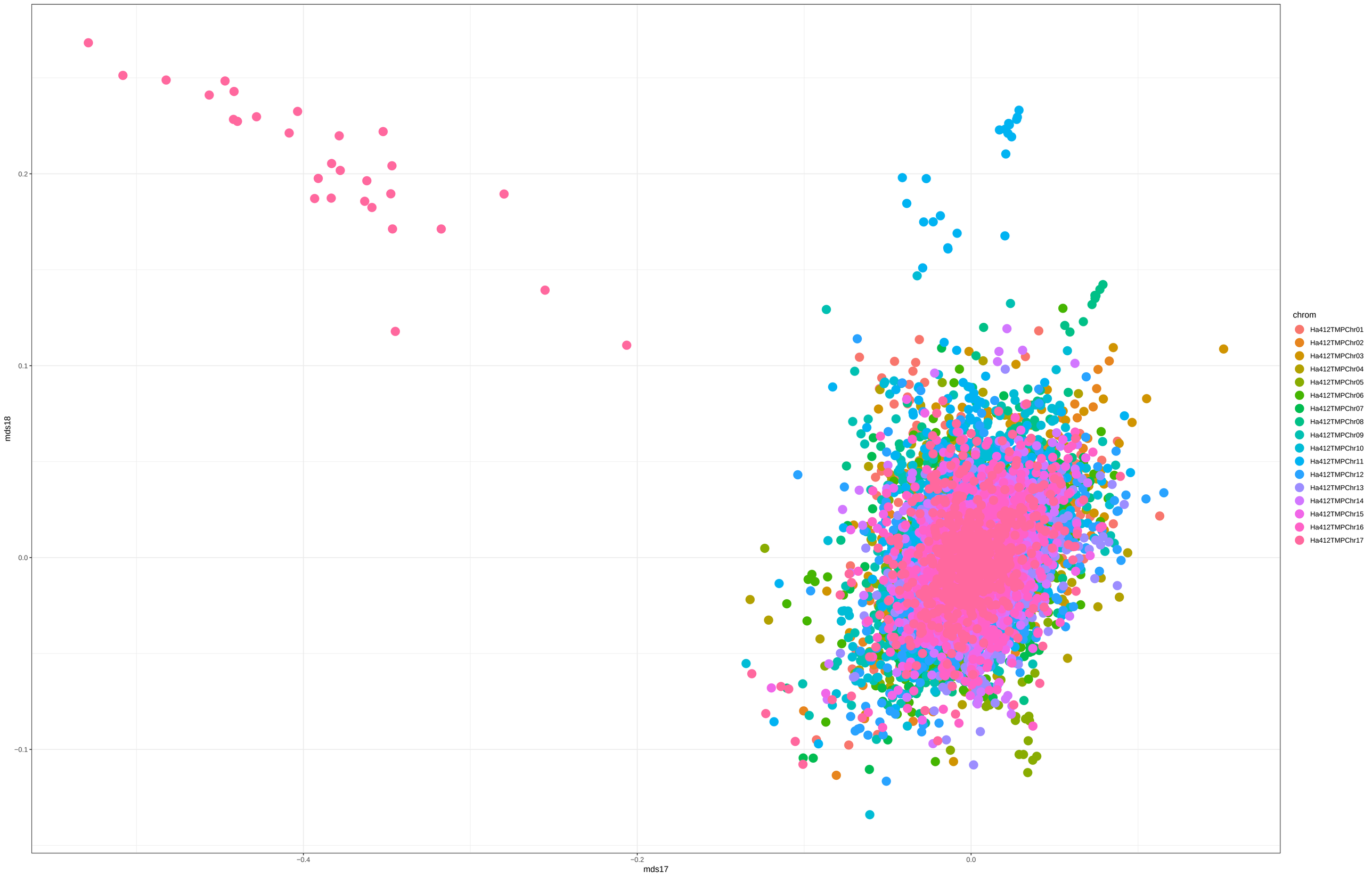

0.2
0.0
−0.2
−0.4
mds08
−0.3
−0.2
−0.1
0.0
0.1
0.2
0.3
mds07
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17

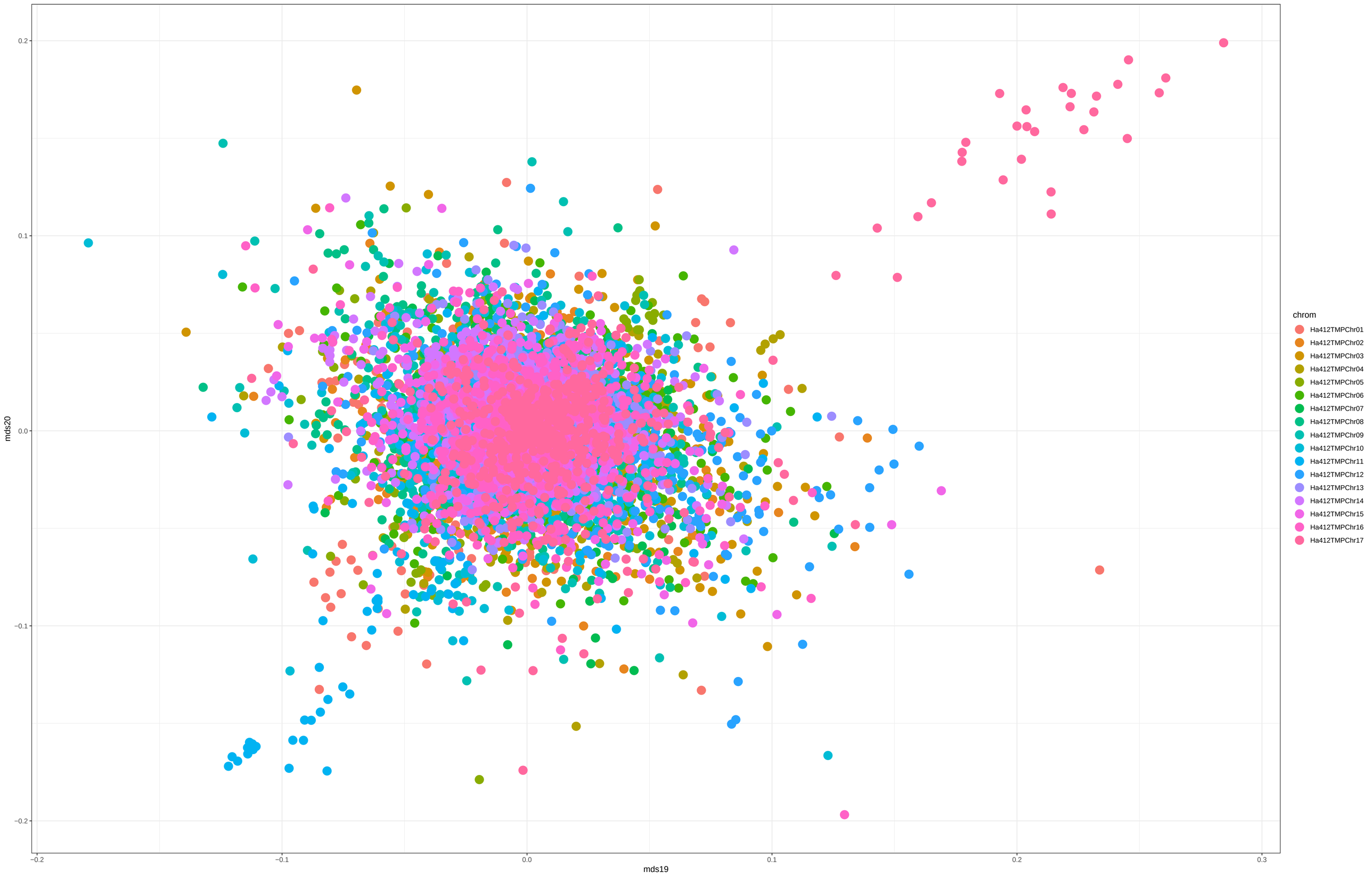

0.2
0.1
0.0
−0.1
−0.2
mds10
−0.2
0.0
0.2
mds09
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17

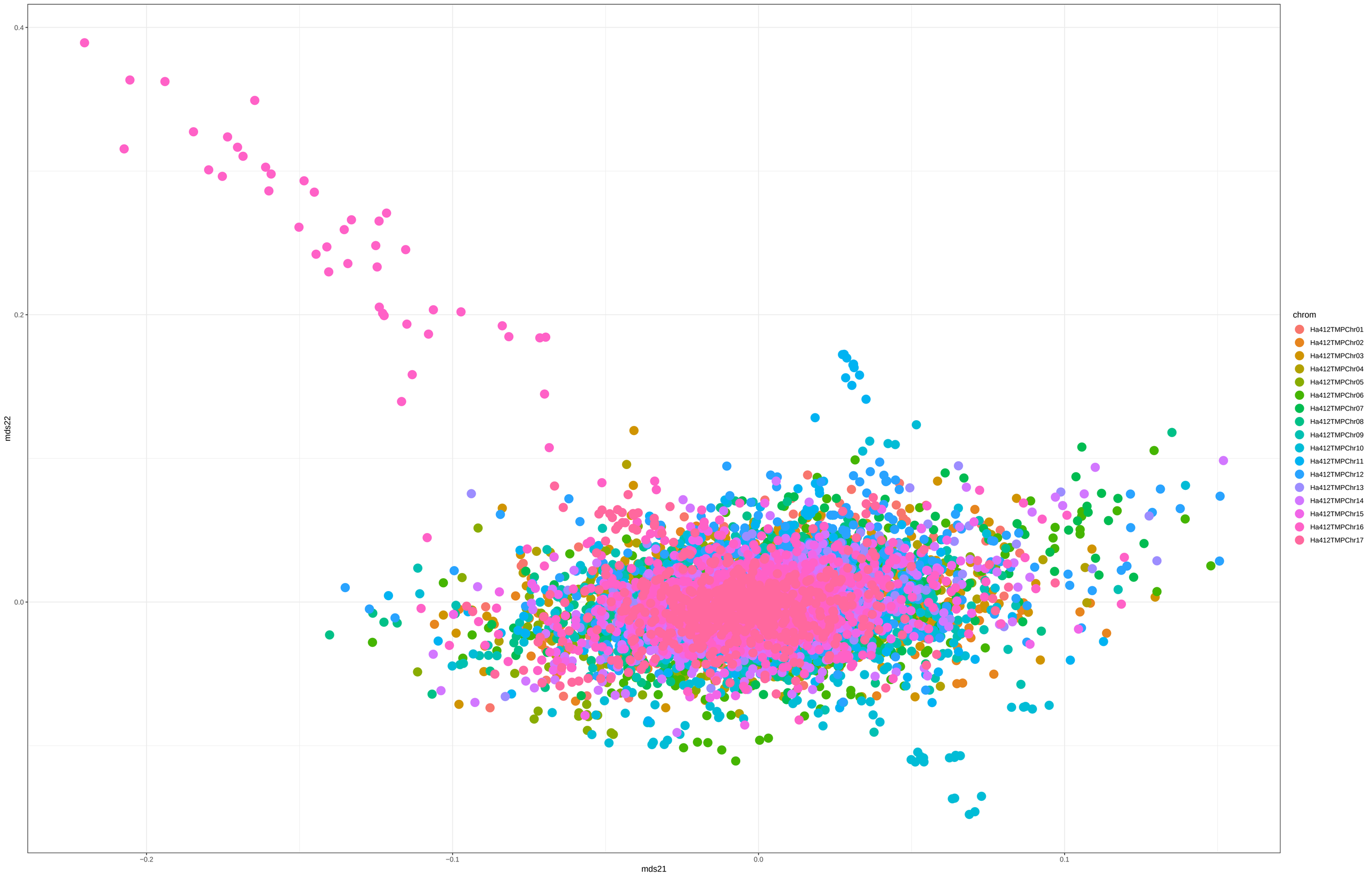

0.2
0.1
0.0
−0.1
mds12
−0.2
0.0
0.2
0.4
mds11
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17

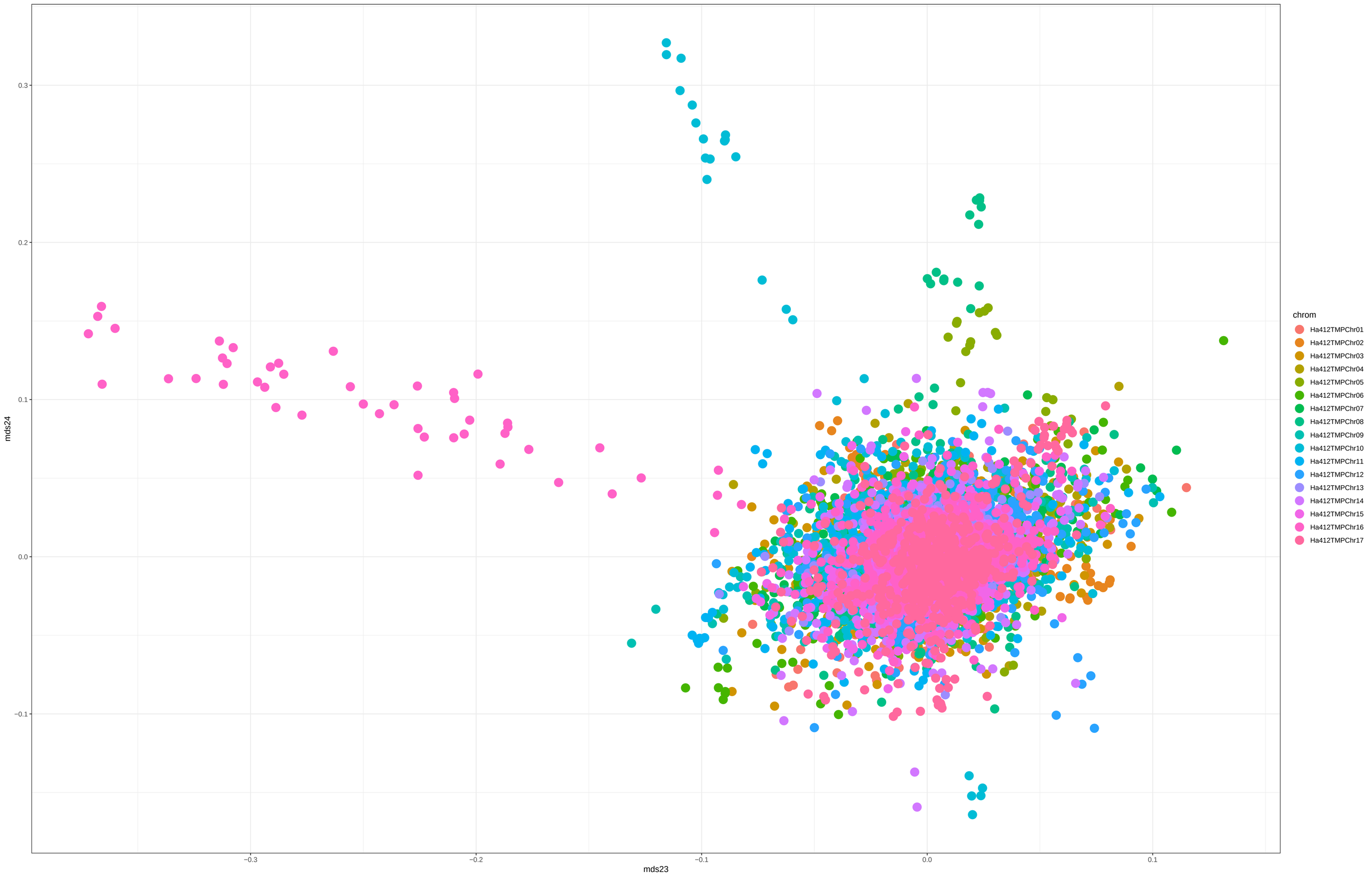

0.0
−0.2
−0.4
−0.6
mds14
−0.25
0.00
0.25
0.50
mds13
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17

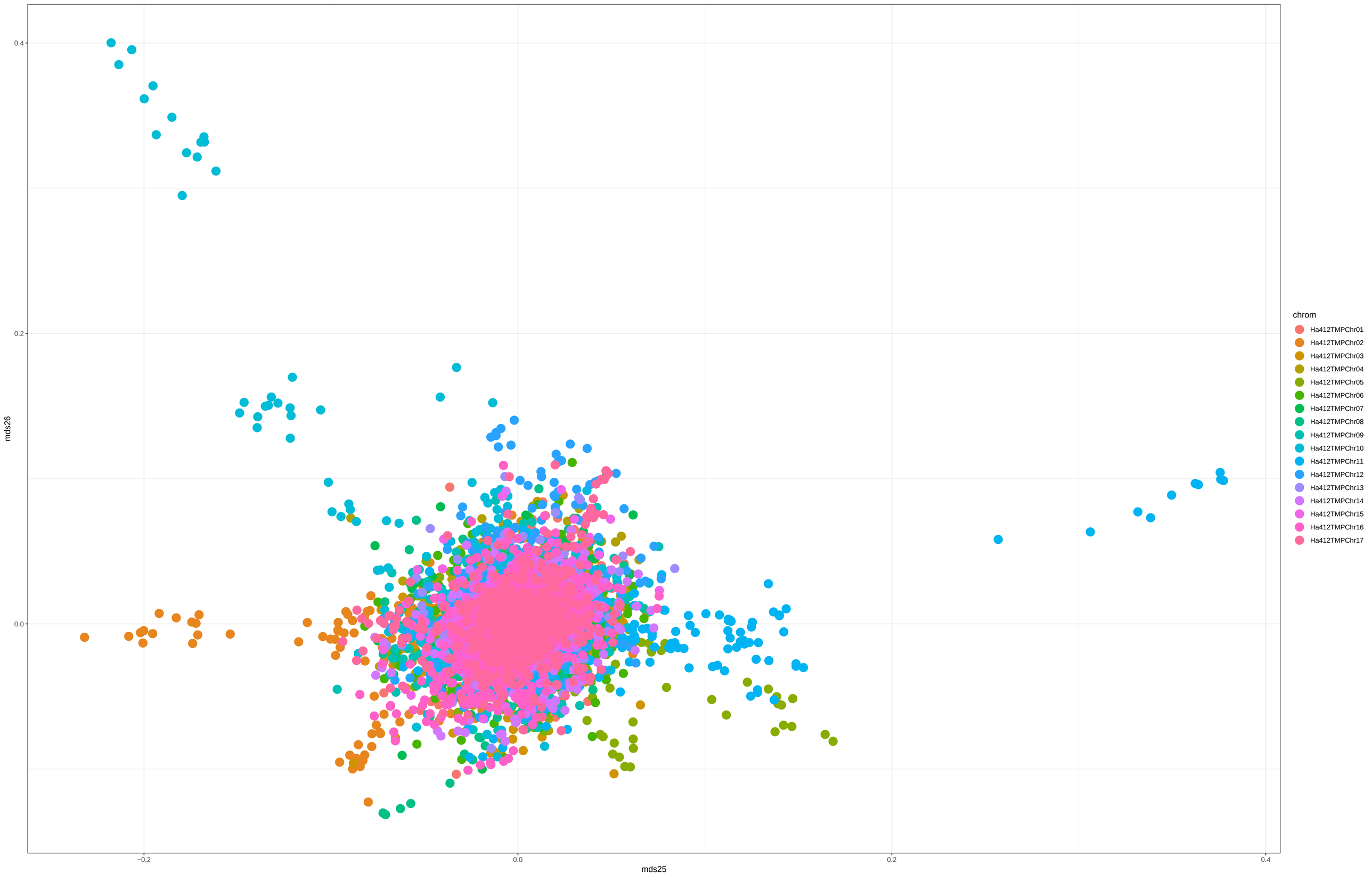
0.3
0.2
0.1
0.0
−0.1
−0.2
mds16
−0.2
−0.1
0.0
0.1
0.2
mds15
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17

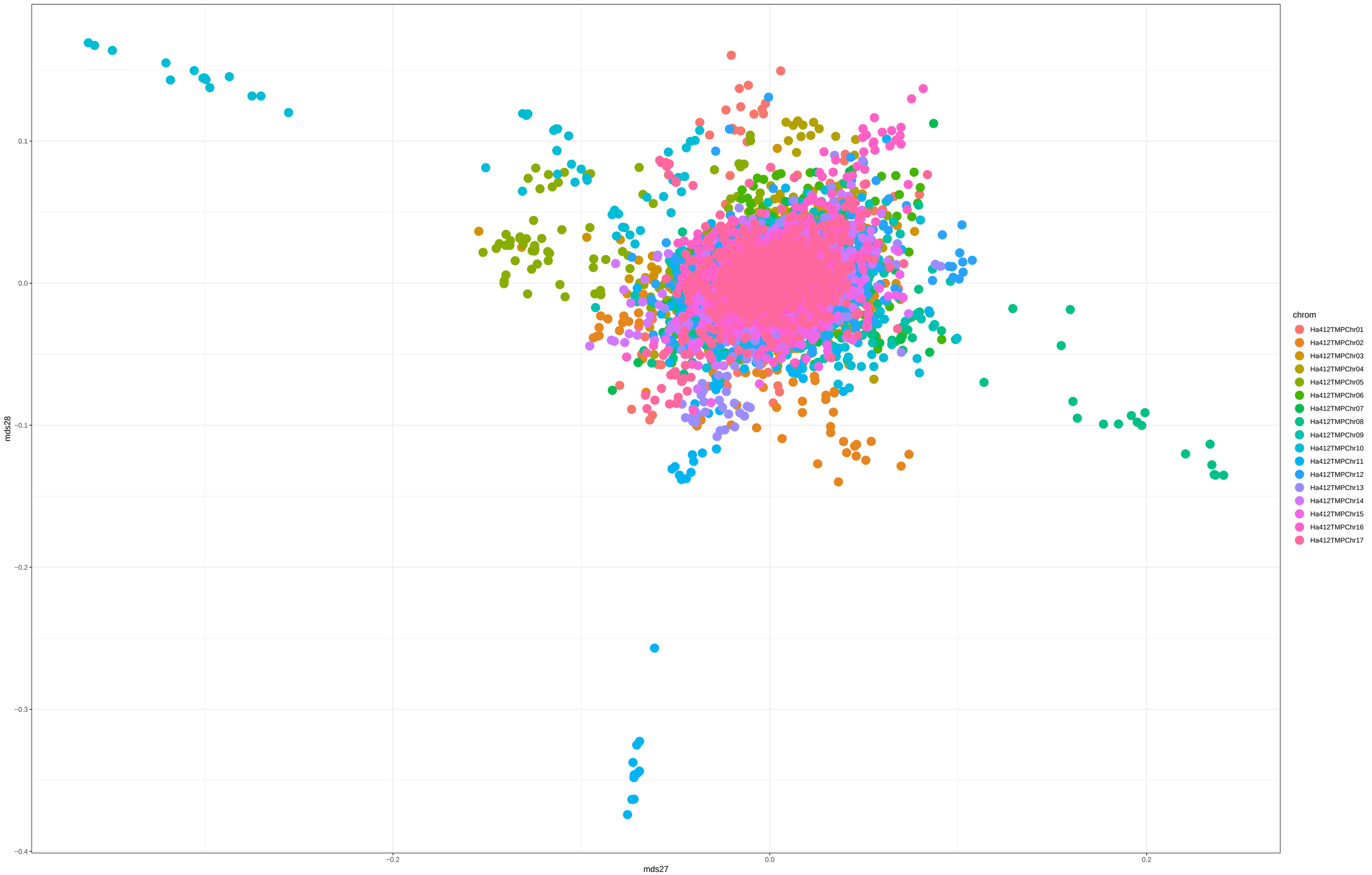

0.2
0.1
0.0
−0.1
mds18
−0.4
−0.2
0.0
mds17
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17

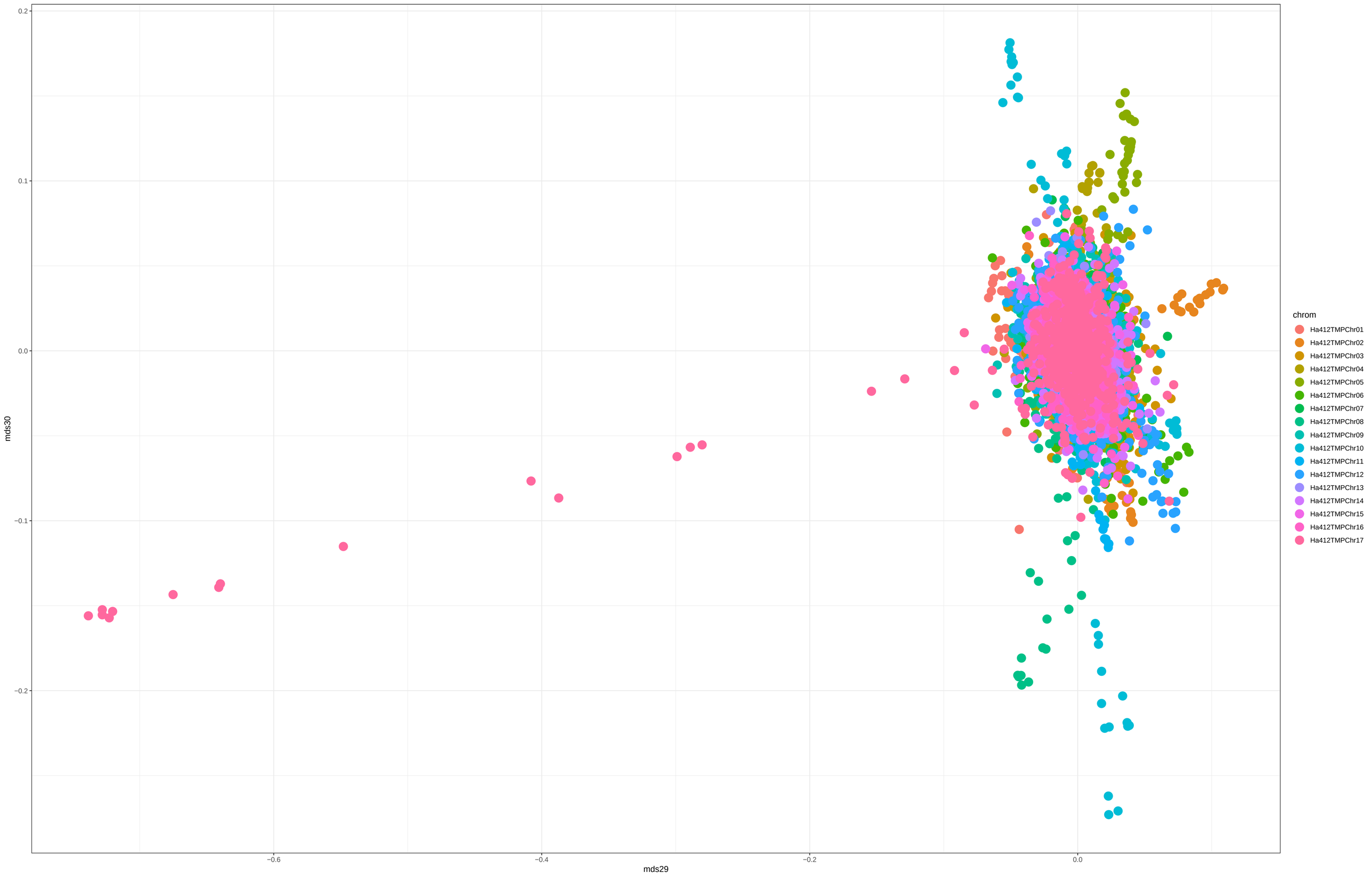

0.2
0.1
0.0
−0.1
−0.2
mds20
−0.2
−0.1
0.0
0.1
0.2
0.3
mds19
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17

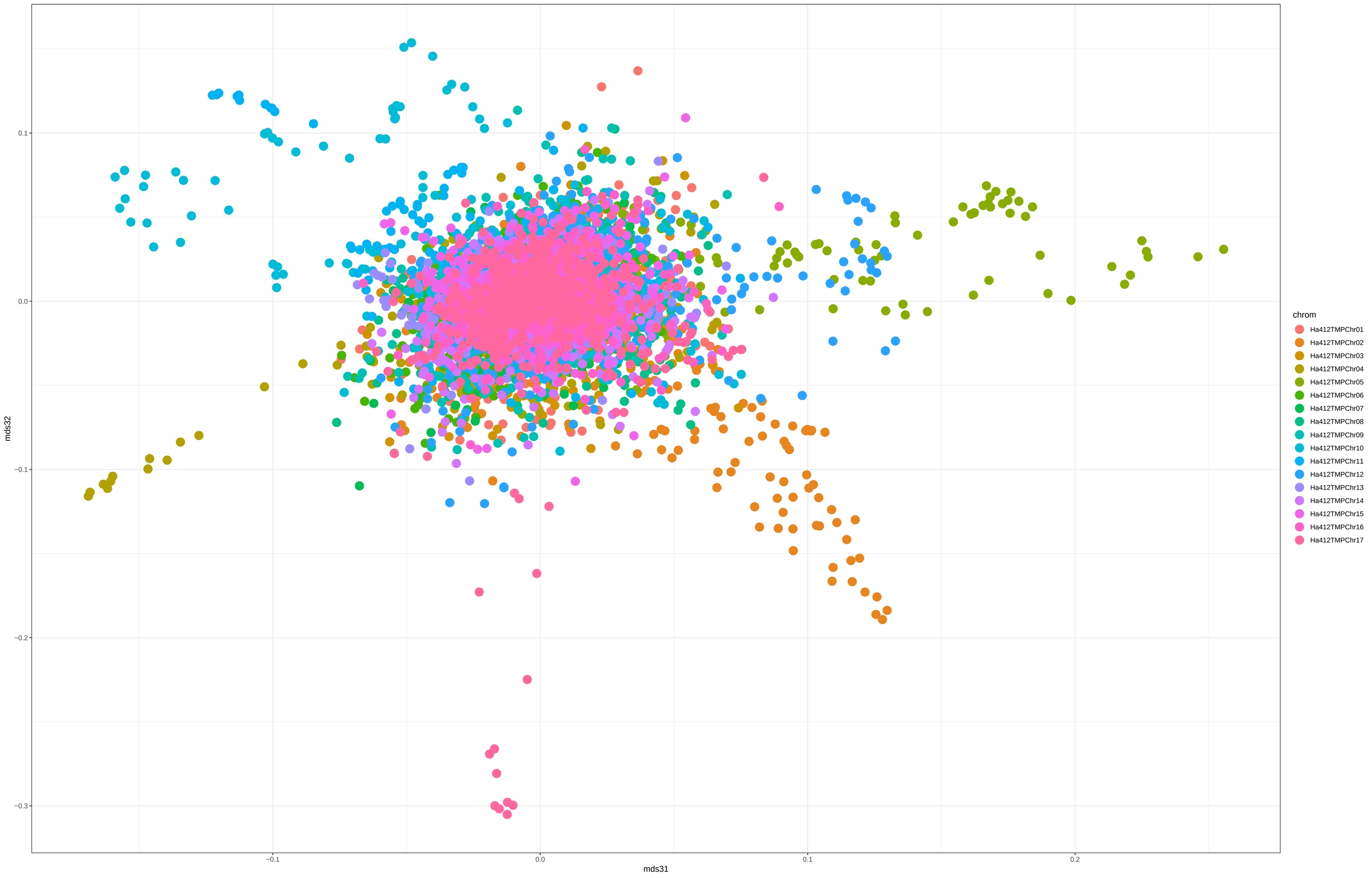

0.4
0.2
0.0
mds22
−0.2
−0.1
0.0
0.1
mds21
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17

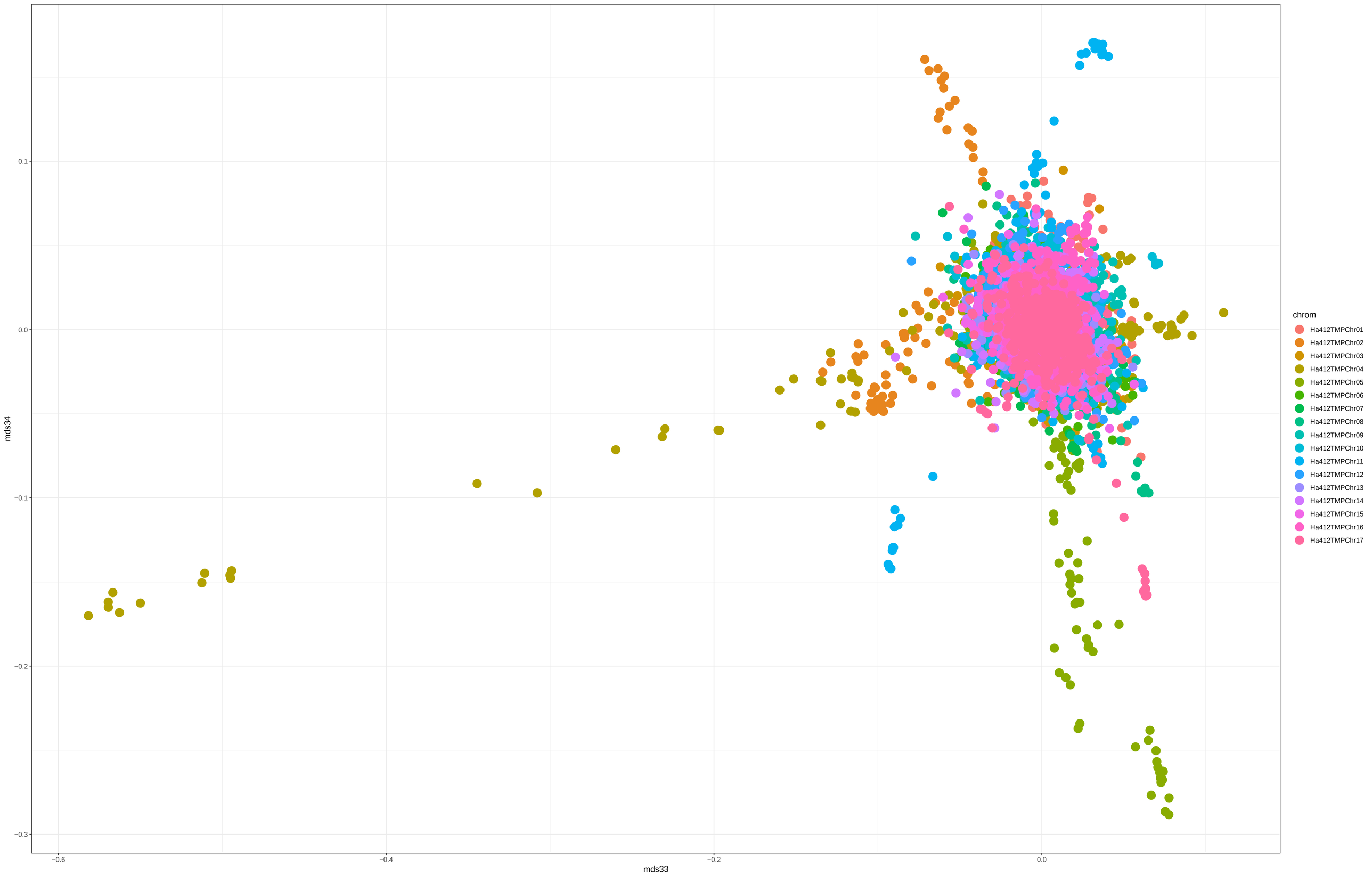

0.3
0.2
0.1
0.0
−0.1
mds24
−0.3
−0.2
−0.1
0.0
0.1
mds23
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17

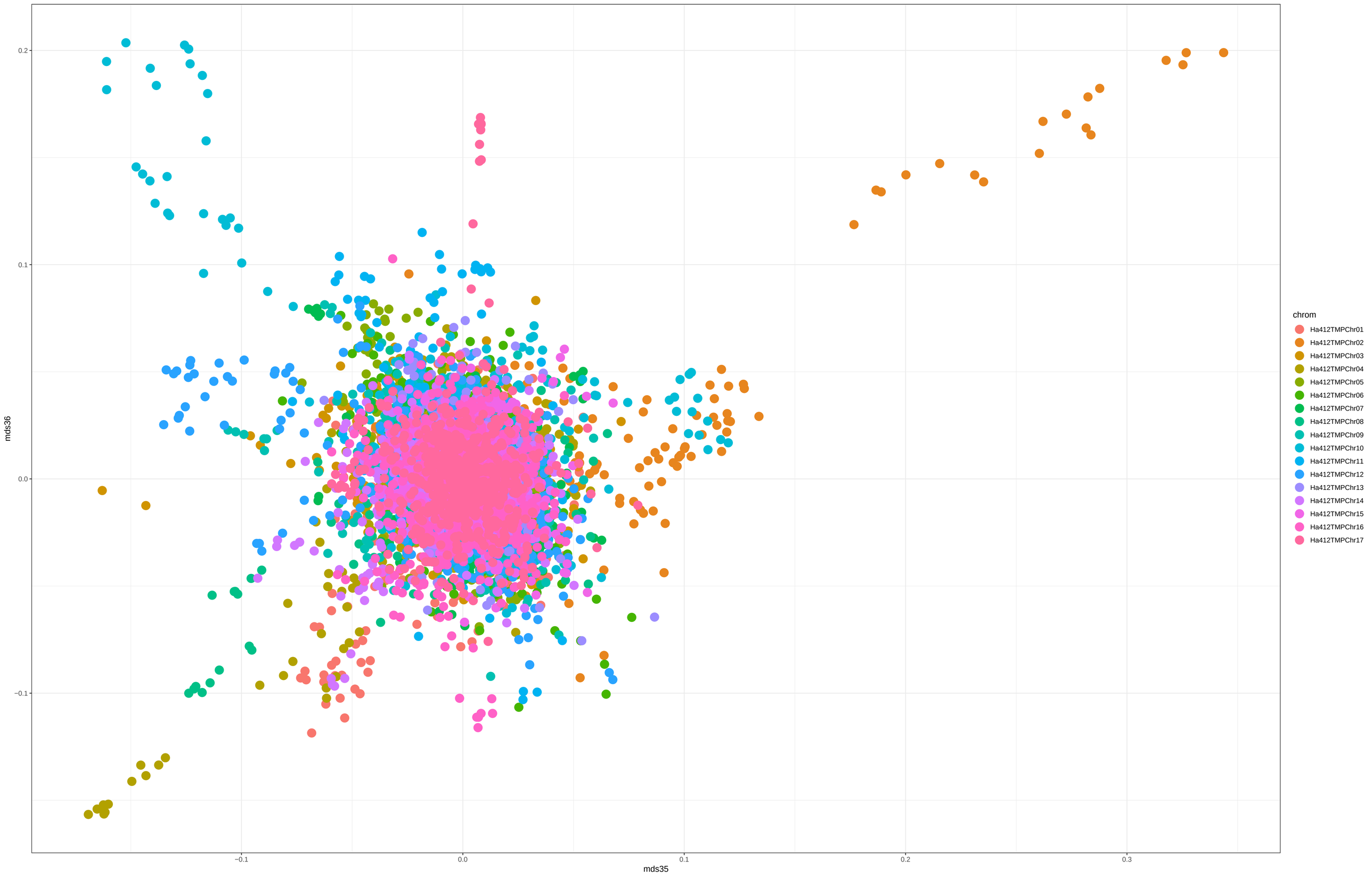

0.4
0.2
0.0
mds26
−0.2
0.0
0.2
0.4
mds25
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17

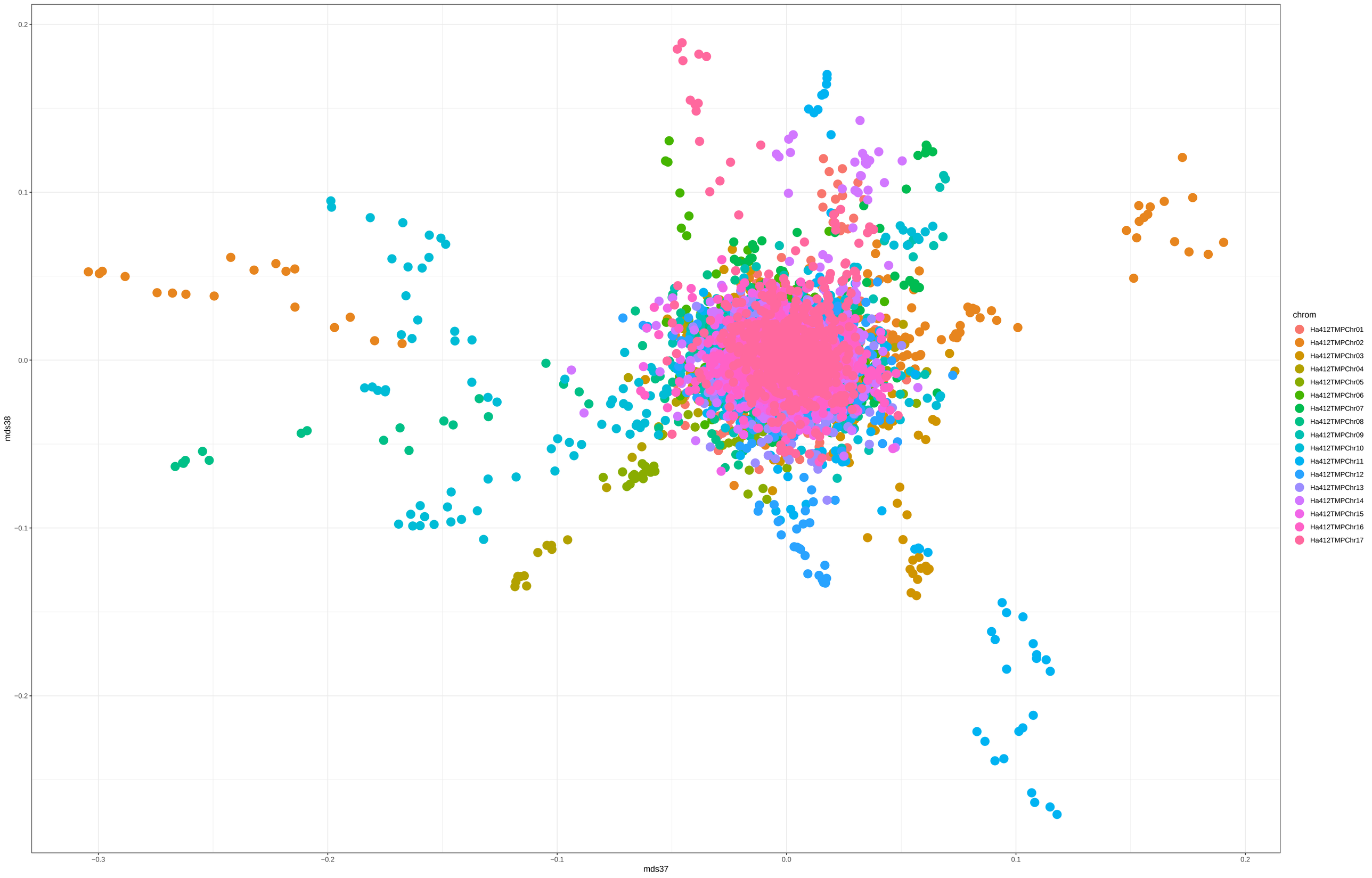

0.1
0.0
−0.1
−0.2
−0.3
−0.4
mds28
−0.2
0.0
0.2
mds27
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17

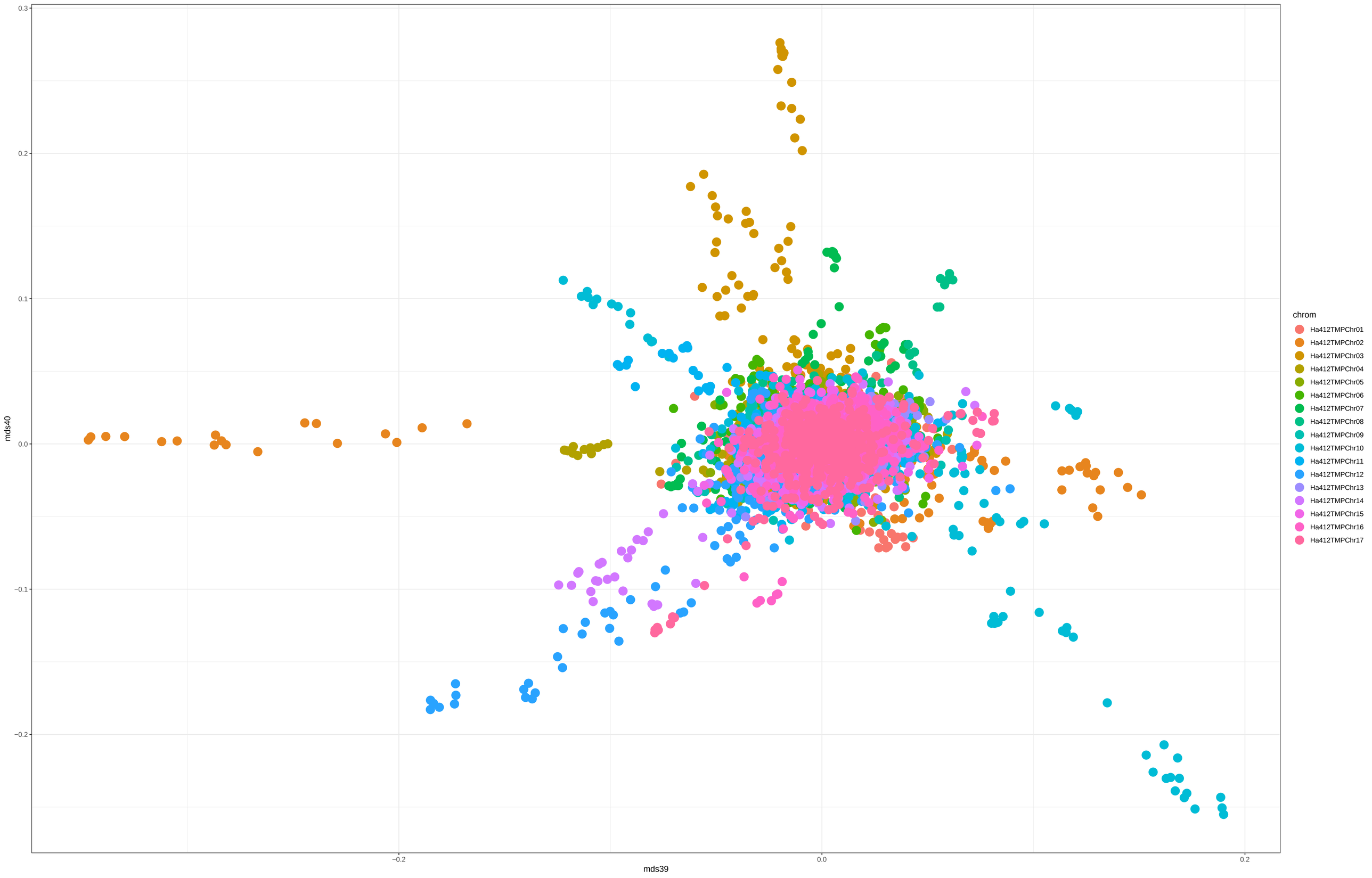

0.2
0.1
0.0
−0.1
−0.2
mds30
−0.6
−0.4
−0.2
0.0
mds29
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17

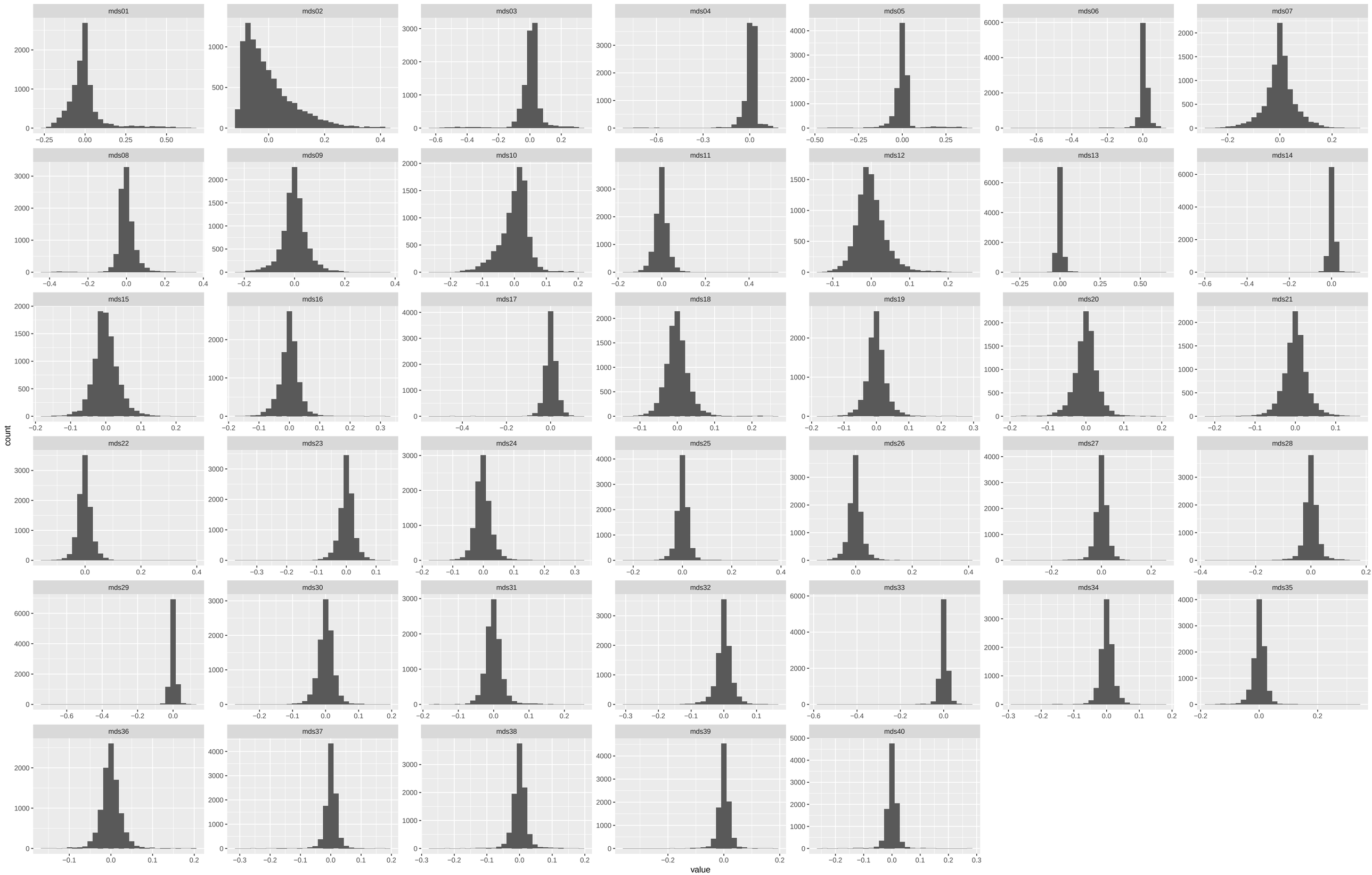

0.1
0.0
−0.1
−0.2
−0.3
mds32
−0.1
0.0
0.1
0.2
mds31
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17


0.1
0.0
−0.1
−0.2
−0.3
mds34
−0.6
−0.4
−0.2
0.0
mds33
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17


0.2
0.1
0.0
−0.1
mds36
−0.1
0.0
0.1
0.2
0.3
mds35
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17


0.2
0.1
0.0
−0.1
−0.2
mds38
−0.3
−0.2
−0.1
0.0
0.1
0.2
mds37
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17


0.3
0.2
0.1
0.0
−0.1
−0.2
mds40
−0.2
0.0
0.2
mds39
chrom
Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17


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
unt
value

Ha412TMPChr01
Ha412TMPChr02
Ha412TMPChr03
Ha412TMPChr04
Ha412TMPChr05
Ha412TMPChr06
Ha412TMPChr07
Ha412TMPChr08
Ha412TMPChr09
Ha412TMPChr10
Ha412TMPChr11
Ha412TMPChr12
Ha412TMPChr13
Ha412TMPChr14
Ha412TMPChr15
Ha412TMPChr16
Ha412TMPChr17
value
mid