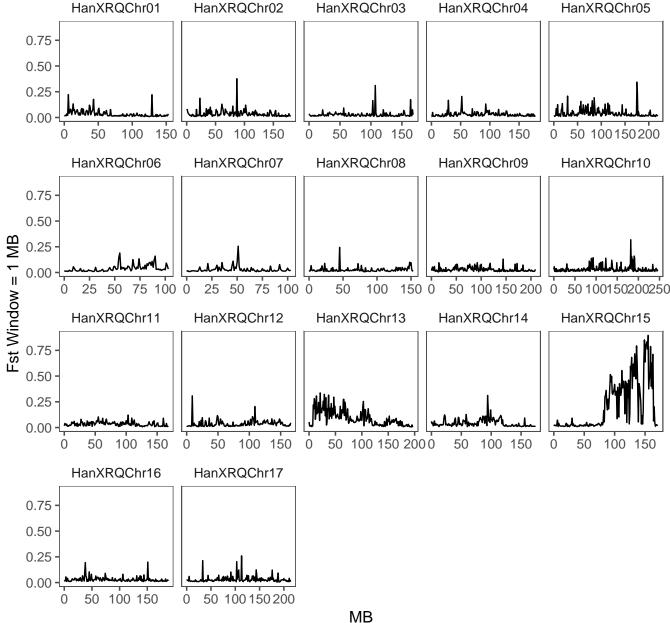
# mds01-neg Annuus



#### mds02-pos Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 8.0 0.6 -0.4 -0.2 0.0 150 0 50 50 100 50 100 150 100 150 50 100 150 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 8.0 0.6 0.4 -MB0.2 -Fst Window = 1 100 25 75 100 0 50 150 50 100 150 200 50 100150200250 25 50 75 0 50 100 0 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 8.0 0.6 0.4 0.2 0.0 100 150 200 0 50 100 150 0 50 100 150 0 50 50 100 150 50 100 HanXRQChr16 HanXRQChr17 8.0 0.6 -



0.4 -0.2 -0.0 -

50

100 150

0

## mds04-neg Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.6 0.4 -0.2 -150 0 50 100 50 100 150 50 100 150 50 100 150 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.6 0.4 0.2 Fst Window = 175 100 75 100 0 100 150 0 50 100 150 200 25 50 50 50 100150200250 25 HanXRQChr11 HanXRQChr14 HanXRQChr12 HanXRQChr13 HanXRQChr15 0.6 0.4 -0.2 0.0 50 100 150 200 0 100 150 50 100 150 50 100 150 0 50 50 100 150 HanXRQChr16 HanXRQChr17 0.6 0.4 0.2

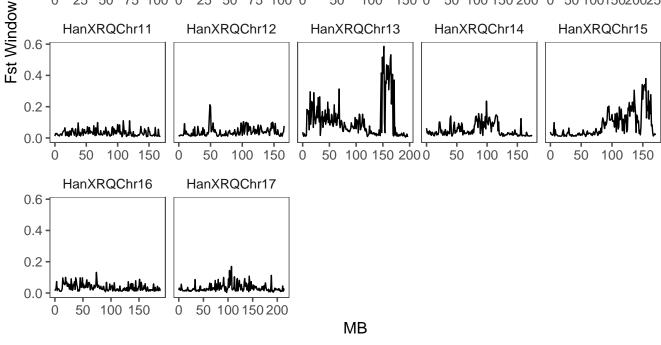
MB

100 150

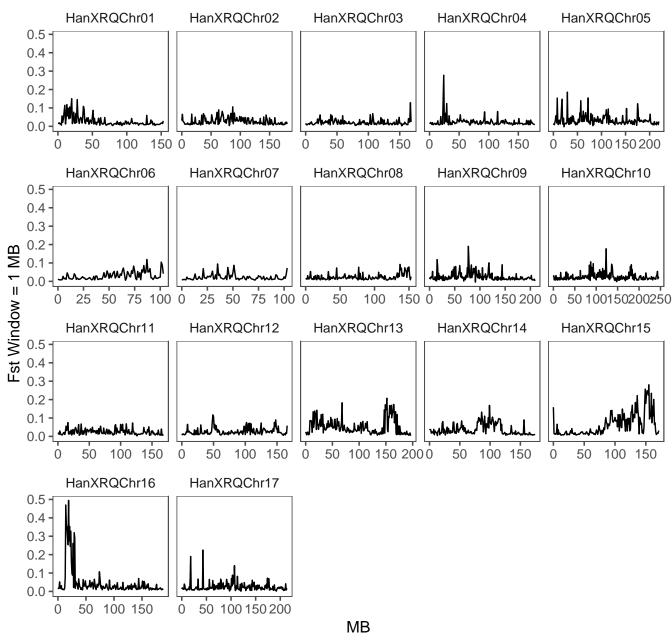
mds06-neg Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.6 -0.4 -0.2 -0.0 50 150 0 50 100 150 50 100 150 0 50 100 150 200 50 100 100 150 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.6 -0.4 Fst Window = 1 MB0.2 25 75 25 75 100 0 50 150 0 50 100 150 200 50 100150200250 50 50 100 HanXRQChr11 HanXRQChr13 HanXRQChr15 HanXRQChr12 HanXRQChr14 0.6 0.4 0.2 0.0 100 150 100 150 200 0 50 50 100 150 0 50 100 150 50 100 150 HanXRQChr16 HanXRQChr17 0.6 0.4 -0.2 -0.0 100 150 50 0 50 100 150 200

mds08-pos Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.6 -0.4 0.2 -0.0 150 0 50 50 100 150 50 100 150 200 50 100 50 100 150 100 150 0 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.6 -0.4 Est Mindow = 1 MB 0.0 - 0.0 - 0.0 - 0.4 - 100 0 25 50 75 100 0 50 100 150 0 50 100 150 200 50 100150200250 25 0 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.6 -0.2 0.0 150 0 50 150 50 100 150 200 0 50 100 150 50 100 100 0 100 HanXRQChr16 HanXRQChr17 0.6 -0.4 0.2 0.0 100 150 0 50 100 150 200

mds11-neg Annuus HanXRQChr01 HanXRQChr03 HanXRQChr04 HanXRQChr05 HanXRQChr02 0.6 0.4 0.2 0.0 50 50 100 150 200 50 100 150 0 50 100 150 50 100 150 100 150 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.6 0.4 0.2 Fst Window = 1100 0 25 75 100 0 50 150 50 100 150 200 50 100150200250 50 100 0 0 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.6 0.4 0.2 150 0 50 100 150 50 100 150 200 0 50 100 0 100 150 50 100 HanXRQChr16 HanXRQChr17 0.6 0.4



mds15-pos Annuus



#### mds18-pos Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.5 -0.4 -0.3 -0.2 -0.1 0.0 150 0 50 100 150 100 150 50 100 50 50 100 150 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.5 -0.4 -0.3 -0.2 0.1 -Fst Window = 175 100 0 25 75 100 0 50 150 0 50 100 150 200 25 50 100 50 100150200250 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr15 HanXRQChr14 0.5 0.4 0.3 0.2 0.1 0.0 100 150 50 100 150 0 50 100 150 200 0 50 100 150 50 100 150 HanXRQChr16 HanXRQChr17 0.5 -0.4 -0.3 -0.2 -0.1

MB

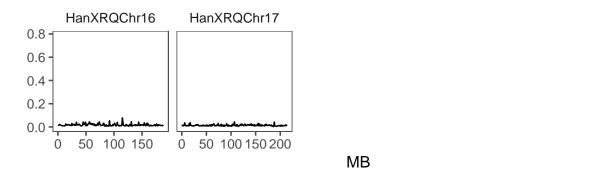
50 100 150 200

0

0.0

50 100 150

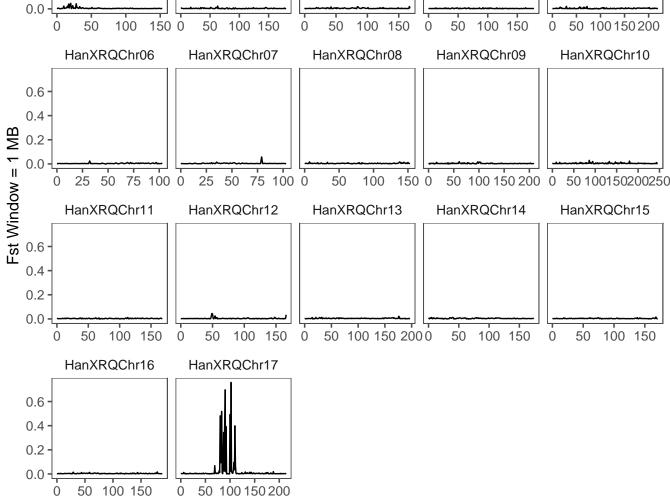
#### mds19-pos Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.8 -0.6 -0.4 -0.2 0.0 150 0 100 150 50 100 50 100 150 50 50 100 150 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.8 -0.6 0.4 -**9** 0.2 Fst Window = 1 I 75 100 0 25 75 100 0 50 100 150 0 50 100 150 200 50 100150200250 25 50 50 HanXRQChr11 HanXRQChr15 HanXRQChr12 HanXRQChr13 HanXRQChr14 0.4 0.2 0.0 -150 100 50 100 150 2000 100 150 100 50 150 0 50 50 100 150



### mds25-pos Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.6 -0.4 0.2 0.0 150 0 50 100 50 100 150 50 100 150 50 100 150 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.6 0.4 -**B** 0.2 Fst Window = 175 100 0 25 50 75 100 0 100 150 0 50 100 150 200 50 100150200250 25 50 HanXRQChr11 HanXRQChr13 HanXRQChr14 HanXRQChr12 HanXRQChr15 0.6 0.4 0.2 0.0 -50 100 150 2000 100 150 100 150 50 100 150 0 50 50 100 150 HanXRQChr16 HanXRQChr17 0.6 -0.4 -0.2 -0.0 50 100 150 0 50 100 150 200

# mds26-pos Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.4 -0.2 150 0 100 150 50 100 100 150 50 100 150 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.4 -0.2 Fst Window = 1 75 100 0 75 100 0 50 150 50 100 150 200 25 25 50 100 0 50 100150200250 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.4 -0.2 100 150 100 150 50 100 150 200 0 100 150 50 50 0 50 50 100 150 HanXRQChr16 HanXRQChr17 0.4 -0.2 0.0 50 100 150 50 100 150 200 MB

mds28-pos Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.6 -0.4 -0.2 -0.0 -150 0 100 150 50 100 150 50 50 100 150 200 50 100 50 100 150 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.6 0.4 -**9** 0.2 75 100 0 25 75 100 0 50 150 0 50 100 150 200 25 50 100 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15





#### mds29-neg Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.75 0.50 0.25 0.00 150 0 50 100 150 50 100 150 50 100 150 50 100 150 200 50 100 0 0 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.75 0.50 MB0.25 Fst Window = 10.00 75 100 25 50 75 100 0 50 150 0 50 100 150 200 25 50 100 50 100150200250 HanXRQChr11 HanXRQChr12 HanXRQChr15 HanXRQChr13 HanXRQChr14 0.75 0.50 0.25 0.00 50 150 150 50 100 150 200 0 50 100 150 50 50 100 100 0 100 150 HanXRQChr17 HanXRQChr16 0.75 -0.50 0.25 -0.00 -

MB

50 100 150 200

0

50 100 150

mds30-neg Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.4 -0.3 0.2 0.1 0.0 50 150 0 100 150 100 150 50 100 150 50 100 150 200 100 50 50 0 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.4 -0.3 0.2 Fst Window = 1 MB0.1 0.0 75 100 0 25 50 75 100 0 50 100 150 0 50 100 150 200 50 100150200250 25 0 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.4 -0.3 0.2 0.1 0.0 100 150 0 50 100 150 50 100 150 200 0 150 0 50 100 50 100 HanXRQChr16 HanXRQChr17 0.4 -0.3 0.2 0.1 0.0 100 150 0 50 100 150 200 0 MB

mds31-pos Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.4 -0.3 0.2 0.1 0.0 150 0 50 100 150 150 50 50 100 150 200 50 100 50 100 0 100 150 0 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.4 -0.3 0.2 MB 0.1 -Fst Window = 150 100 150 200 75 100 0 25 75 100 0 50 100 150 50 100150200250 25 50 0 0 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.4 -0.3 0.2 0.1 0.0 100 150 50 150 50 100 150 200 0 50 0 100 0 100 150 50 100 HanXRQChr16 HanXRQChr17 0.4 -0.3 -0.2 0.1 0.0

MB

100 150

0

### mds32-neg Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 8.0 0.6 -0.4 -0.2 -0.0 - 0.0150 0 50 100 150 50 100 150 50 100 150 50 100 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 8.0 0.6 0.4 -**B** 0.2 Fst Window = 11 75 100 0 25 50 75 100 0 50 150 0 50 100 150 200 0 50 100150200250 25 50 100 HanXRQChr11 HanXRQChr12 HanXRQChr14 HanXRQChr15 HanXRQChr13 0.4 -0.2 -0.0 -50 50 100 150 200 0 100 150 100 150 50 100 150 50 100 150 HanXRQChr16 HanXRQChr17 8.0 0.6 -0.4 -0.2 0.0 -

MB

50 100 150

0

#### mds32-pos Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.75 -0.50 0.25 0.00 150 0 50 100 150 100 150 50 100 150 50 100 150 200 50 100 0 50 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.75 0.50 MB0.25 Fst Window = 175 100 25 75 100 0 50 100 150 0 50 100 150 200 0 50 100150200250 25 50 50 HanXRQChr11 HanXRQChr12 HanXRQChr14 HanXRQChr13 HanXRQChr15 0.75 0.50 0.25 0.00 150 50 50 100 150 200 0 50 100 150 50 100 100 150 0 100 HanXRQChr17 HanXRQChr16 0.75 -0.50 0.25

MB

50 100 150 200

0

0.00

50 100 150

#### mds34-pos Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.4 -0.3 -0.2 -0.1 -0.0 150 0 50 100 50 100 150 50 100 150 50 100 150 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.4 -0.3 0.2 MB0.1 -Fst Window = 1 I 75 100 0 25 50 75 100 0 150 0 50 100 150 200 25 50 100 0 50 100150200250 HanXRQChr11 HanXRQChr14 HanXRQChr12 HanXRQChr13 HanXRQChr15 0.2 0.1 -0.0 50 100 150 2000 50 100 150 50 100 150 0 50 100 150 50 100 150 HanXRQChr16 HanXRQChr17 0.4 0.3 -0.2 -0.1 -0.0 -50 100 150 50 100 150 200 0

## mds35-pos Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.6 -0.4 -0.2 -150 0 50 100 150 50 100 50 100 150 50 100 150 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.6 -0.4 0.2 Fst Window = 1 I 50 75 100 0 25 50 75 100 0 50 150 50 100 150 200 25 100 50 100150200250 HanXRQChr11 HanXRQChr14 HanXRQChr15 HanXRQChr12 HanXRQChr13 0.2 50 100 150 2000 100 150 100 150 50 100 150 0 50 50 100 150 HanXRQChr16 HanXRQChr17 0.6 0.4 -0.2 -

MB

50 100 150

50 100 150 200

0

mds36-neg Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.4 0.3 -0.2 0.1 0.0 50 150 0 50 100 150 50 100 150 50 100 150 50 100 150 200 100 0 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.4 0.3 0.2 Fst Window = 1 MB0.1 75 100 0 25 50 75 100 0 50 100 150 50 100 150 200 50 100150200250 25 0 0 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.4 0.3 0.2 0.1 0.0 - 1100 150 0 50 100 150 50 100 150 200 0 50 150 0 100 50 100 HanXRQChr16 HanXRQChr17 0.4 0.3 -0.2 0.1 0.0 50 100 150 0 50 100 150 200 0

### mds37-neg Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.3 0.2 -0.1 150 0 50 100 50 100 150 50 100 150 50 100 150 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.3 0.2 MB0.1 Fst Window = 175 100 0 150 0 50 100 150 200 25 25 50 50 100 50 100150200250 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.3 0.2 0.1 -0.0 150 100 150 50 100 50 100 150 50 100 150 200 0 50 50 100 HanXRQChr16 HanXRQChr17 0.3 0.2 0.1 100 150 50 100 150 200

mds38-neg Annuus HanXRQChr01 HanXRQChr03 HanXRQChr04 HanXRQChr05 HanXRQChr02 0.6 0.4 -0.2 0.0 150 0 50 50 100 150 200 50 100 50 100 150 50 100 150 100 150 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.6 0.4 0.2 Fst Window = 1100 0 75 100 0 150 100 150 200 50 100150200250 50 100 0 50 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.6 0.4 0.2 0.0 100 150 50 50 100 150 200 0 100 150 0 50 100 150 50 100 HanXRQChr16 HanXRQChr17 0.6 0.4 -0.2

MB

100 150

0

#### mds38-pos Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.8 -0.6 -0.4 -0.2 0.0 50 100 150 50 100 150 50 100 150 200 100 150 0 50 100 150 50 0 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.8 0.6 0.4 -**9** 0.2 Fst Window = 1 I 75 100 0 25 75 100 0 150 0 50 100 150 200 25 50 50 50 100 50 100150200250 HanXRQChr11 HanXRQChr13 HanXRQChr12 HanXRQChr14 HanXRQChr15 0.4 0.2 -0.0 50 100 150 2000 150 100 150 50 100 150 0 50 100 50 100 150 HanXRQChr16 HanXRQChr17 8.0 0.6 -0.4 -0.2 -

MB

0.0 -

50 100 150

0

## mds39-neg Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.3 0.2 0.1 -0.0 -150 0 100 150 100 150 50 100 150 50 100 150 200 50 100 50 50 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.3 -0.2 0.1 Est Window = 1 I 75 100 0 25 50 75 100 0 50 150 0 50 100 150 200 50 100150200250 25 50 100 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.1 -50 100 150 200 0 50 100 150 100 150 50 100 150 0 50 100 150 HanXRQChr16 HanXRQChr17 0.3 -0.2 -0.1 -0.0 -50 100 150 50 100 150 200

#### mds39-pos Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.6 -0.4 -0.2 -0.0 150 0 50 100 150 50 100 150 50 100 50 100 150 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.6 -0.4 -**B** 0.2 Fst Window = 175 100 0 75 100 0 50 150 0 50 100 150 200 50 100150200250 25 50 25 50 100 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.6 0.4 -0.2 0.0 100 150 50 100 150 2000 100 150 50 100 150 50 0 50 50 100 150 HanXRQChr16 HanXRQChr17 0.6 -0.4 -0.2 -0.0 -50 100 150 0 50 100 150 200

mds40-neg Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.4 -0.3 0.2 0.1 0.0 50 50 100 150 50 100 150 50 100 150 200  $\cap$ 100 150 0 100 150 50 0 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.4 -0.3 0.2 Fst Window = 1 MB0.1 0.0 75 100 0 25 50 75 100 0 50 100 150 50 100 150 200 50 100150200250 25 0 0 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.4 -0.3 -0.2 0.1 0.0 100 150 0 50 100 150 50 100 150 200 0 50 100 0 150 50 100 HanXRQChr16 HanXRQChr17 0.4 -0.3 0.2 0.1 0.0 100 150 0 50 100 150 200 0

#### mds40-pos Annuus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.6 -0.4 -0.2 -0.0 -150 0 50 100 150 100 150 50 50 100 150 200 50 100 0 50 100 150 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.6 -0.4 -**B** 0.2 Fst Window = 175 100 0 25 50 75 100 0 50 150 0 50 100 150 200 50 100150200250 25 100 HanXRQChr11 HanXRQChr15 HanXRQChr12 HanXRQChr13 HanXRQChr14 0.6 0.4 -0.2 0.0 -150 150 50 100 150 200 0 50 100 150 50 50 100 50 100 0 100 150 HanXRQChr16 HanXRQChr17 0.6 -0.4 -0.2 -0.0

MB

50 100 150

0