mds04_neg Niveus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.4 -0.2 50 100 150 0 50 100 150 50 100 150 50 100 150 0 0 0 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.4 0.2 1 MB Fst Window = 75 100 0 25 50 75 100 0 50 100 150 50 100 150 200 0 50 100150200250 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.4 50 150 50 150 50 100 150 200 0 50 100 0 0 100 150 0 50 100 150 HanXRQChr16 HanXRQChr17 0.4 0.2 0.0 100 150 50 0 50 100 150 200 MB

mds12_pos Niveus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.5 -0.5150 0 50 100 150 50 100 150 0 50 100 150 50 100 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.5 MB -0.5Fst Window = 25 75 100 0 50 150 0 50 100 150 200 25 0 50 100 0 50 100150200250 HanXRQChr11 HanXRQChr13 HanXRQChr15 HanXRQChr12 HanXRQChr14 0.5 -0.550 100 150 50 150 0 50 100 150 200 0 50 100 150 0 50 100 150 HanXRQChr16 HanXRQChr17 0.5 -0.550 100 150 50 100 150 200 0 MB

mds13_neg Niveus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.4 0.3 0.2 0.1 0.0 -0.1150 0 50 100 150 50 150 0 50 100 150 50 100 0 100 0 50 100 150 200 0 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.4 0.3 0.2 0.1 MB 0.0 -0.1 Fst Window = 25 25 75 100 0 50 100 150 0 50 100 150 200 75 50 50 100150200250 0 0 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.4 0.3 0.2 0.1 0.0 -0.1150 50 0 50 100 150 0 50 100 150 200 0 50 100 150 0 50 100 150 HanXRQChr16 HanXRQChr17 0.4 0.3 0.2 0.1 0.0 -0.1100 150 50 50 100 150 200 0 0 MB

mds21_neg Niveus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.4 -0.2 50 100 150 0 50 100 150 50 100 150 0 50 100 150 0 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.4 -0.2 -MB0.0 Fst Window = 75 100 0 25 50 75 100 0 50 150 100 0 50 100 150 200 50 100150200250 HanXRQChr13 HanXRQChr14 HanXRQChr11 HanXRQChr12 HanXRQChr15 0.4 0.2 100 150 50 100 150 200 0 50 0 50 100 150 0 50 100 150 0 100 150 HanXRQChr16 HanXRQChr17 0.4 -0.2 0.0 50 100 150 200 50 100 150 0 MB

mds24_pos Niveus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.8 -0.6 -0.4 -0.2 0.0 150 0 100 150 100 150 50 50 100 50 50 0 100 150 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.8 -0.6 0.4 -0.2 -0.0 Fst Window = .8.0 75 100 50 150 50 100 150 200 100 0 25 50 0 100 0 0 50 100150200250 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.4 0.2 0.0 150 50 150 100 150 50 100 0 50 100 150 200 0 100 50 100 HanXRQChr16 HanXRQChr17 0.8 -0.6 -0.4 -0.2 100 150 50 50 100 150 200 0 MB

mds28_pos Niveus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.4 0.3 -0.2 0.1 0.0 50 100 150 0 50 100 150 50 100 150 50 50 100 150 200 0 0 100 150 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.4 -0.3 0.2 0.1 0.0 Fst Window = 0.3 25 75 100 0 25 50 75 100 0 50 100 150 50 100 150 200 0 50 100150200250 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.2 -0.0 150 150 50 50 100 0 50 0 50 100 150 200 0 100 150 0 50 100 HanXRQChr16 HanXRQChr17 0.4 0.3 0.2 0.1 0.0

MB

0

50

100 150

0

50 100 150 200

mds40_pos Niveus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.4 0.2 0.0 -0.250 150 0 50 50 100 150 50 100 100 150 0 0 100 150 0 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.4 0.2 -0.2 Fst Window = 25 25 75 100 0 50 150 0 50 100 150 200 0 50 100 50 100150200250 0 HanXRQChr12 HanXRQChr13 HanXRQChr11 HanXRQChr14 HanXRQChr15 0.4 0.2 -0.250 100 150 0 50 100 150 0 50 100 150 200 0 50 100 150 0 50 100 150 HanXRQChr16 HanXRQChr17 0.4 0.2 -0.250 100 150 50 100 150 200 0 MB