mds04_pos Anomalus HanXRQChr01 HanXRQChr04 HanXRQChr02 HanXRQChr03 HanXRQChr05 0.6 -0.4 0.2 0.0 50 100 150 0 50 100 150 50 100 150 50 100 150 50 100 150 200 0 0 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.6 -0.4 0.0 Fst Window = 25 75 100 0 25 50 75 100 0 50 150 50 100 150 200 100 0 50 100150200250 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.6 0.4 0.0 -150 50 150 50 100 150 200 0 50 50 100 0 100 0 100 150 0 50 100 150 HanXRQChr16 HanXRQChr17 0.6 -0.4 -0.2 0.0 50 100 150 0 50 100 150 200 0 MB

mds05_neg Anomalus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 8.0 0.6 0.4 0.2 0.0 50 50 100 150 50 100 150 50 100 150 50 100 150 200 100 150 0 0 0 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.8 0.6 0.4 MB 0.2 Fst Window = 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 8.0 0.6 0.4 0.2 0.0 -100 150 0 50 150 50 100 150 200 0 50 50 100 0 100 150 0 100 HanXRQChr16 HanXRQChr17 0.8 0.6 0.4 0.2 0.0 100 150 50 0 50 100 150 200 0

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mds06_pos Anomalus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.1 -0.150 150 0 50 100 150 50 100 150 50 100 0 100 150 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.1 -0.1 Fst Window = 25 0 25 75 100 0 50 50 100 150 200 75 100 50 100 150 0 50 100150200250 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.1 -0.150 100 150 50 100 150 0 50 100 150 200 0 50 100 150 0 50 100 150 HanXRQChr16 HanXRQChr17 0.1 -0.150 100 150 0 50 100 150 200 MB

mds12_neg Anomalus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.8 0.6 -0.4 -0.2 -0.0 150 0 50 100 150 50 100 150 50 100 150 50 100 150 200 50 100 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.8 -0.6 0.4 -**B** 0.2 Fst Window = 1 [75 100 0 25 50 75 100 0 50 150 0 50 100 150 200 25 50 100 0 50 100150200250 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.4 -0.2 -0.0 50 100 150 2000 100 150 50 100 150 50 100 150 0 50 50 100 150 HanXRQChr16 HanXRQChr17 0.8 -0.6 0.4 -0.2 -0.0 50 100 150 50 100 150 200 0

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mds13_neg Anomalus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.6 0.4 0.2 0.0 50 100 150 0 50 100 150 50 100 150 0 50 100 150 50 100 150 200 0 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.6 -0.4 MB 0.2 Fst Window = 10.0 75 100 75 100 0 25 50 0 50 100 150 0 50 100 150 200 50 100150200250 0 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.6 0.4 0.2 0.0 -50 100 150 0 50 150 50 100 150 200 0 50 100 0 100 150 0 100 HanXRQChr16 HanXRQChr17 0.6 0.4 0.2 0.0 50 100 150 0 50 100 150 200

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