mds03-neg Argophyllus HanXRQChr01 HanXRQChr02 HanXRQChr04 HanXRQChr05 HanXRQChr03 0.75 0.50 0.25 0.00 100 150 0 50 100 150 50 100 150 50 100 150 50 100 150 200 50 0 0 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.75 0.50 0.25 Fst Window = 10.00 75 100 50 75 100 0 50 100 150 0 50 100 150 200 50 100150200250 25 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.75 0.50 0.25 0.00 100 150 50 100 150 50 100 150 200 0 50 150 50 0 100 50 100 150 HanXRQChr16 HanXRQChr17 0.75 0.50 0.25 0.00 50 100 150 0 50 100 150 200 MB

mds04-pos Argophyllus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.5 0.4 -0.3 -0.2 -0.1 0.0 50 150 0 50 100 150 50 150 50 100 150 100 100 0 50 100 150 200 0 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.5 0.4 -0.3 0.2 MB 0.1 Fst Window = 1100 0 25 75 100 0 50 100 150 50 100 150 200 50 100150200250 25 75 50 0 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.5 0.4 0.3 0.2 0.1 0.0 150 0 50 150 0 50 100 150 200 0 50 150 100 100 100 50 100 HanXRQChr16 HanXRQChr17 0.5 0.4 -0.3 -0.2 0.1 0.0 50 100 150 0 50 100 150 200 MB

mds06-pos Argophyllus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.75 0.50 0.25 0.00 150 50 100 150 50 100 150 50 100 150 0 0 0 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.75 0.50 Fst Window = 1 MB0.25 0.00 25 100 25 50 75 100 0 50 100 150 50 100 150 200 50 100150200250 0 0 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.75 -0.50 0.25 0.00 50 100 150 50 150 0 50 100 150 200 0 50 150 0 100 100 0 50 100 HanXRQChr16 HanXRQChr17 0.75 -0.50 0.25 0.00 50 100 150 0 50 100 150 200 MB

mds14-neg Argophyllus HanXRQChr01 HanXRQChr03 HanXRQChr04 HanXRQChr02 HanXRQChr05 0.8 -0.6 0.4 -0.2 0.0 50 150 0 100 150 50 100 50 100 150 50 0 100 150 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.8 -0.6 0.4 -MB 0.2 Fst Window = 1 P 100 75 100 0 50 150 50 100 150 200 50 100150200250 25 0 25 100 0 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.4 0.2 0.0 150 50 150 100 150 200 0 150 100 0 100 0 50 50 100 50 100 HanXRQChr16 HanXRQChr17 0.8 -0.6 0.4 0.2 0.0 50 100 150 50 100 150 200 0 MB

mds15-neg Argophyllus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.8 -0.6 -0.4 -0.2 -0.0 150 0 50 100 150 50 100 150 50 50 100 150 200 50 100 0 100 150 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.8 -0.6 -0.4 MB 0.2 -Fst Window = 1 50 75 100 0 25 75 100 150 50 100 150 200 50 100150200250 25 50 0 50 100 0 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.8 -0.6 0.4 0.2 0.0 150 150 50 100 50 100 0 50 100 150 200 0 50 100 150 50 100 HanXRQChr16 HanXRQChr17 0.8 -0.6 -0.4 -0.2 -0.0

MB

50 100 150

0

50 100 150 200

mds16-pos Argophyllus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 1.0 0.5 50 100 150 0 50 100 150 50 100 150 0 50 100 150 50 100 150 200 0 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 1.0 0.5 Fst Window = 75 100 0 25 50 75 100 0 50 100 150 50 100 150 200 0 50 100150200250 HanXRQChr12 HanXRQChr13 HanXRQChr11 HanXRQChr14 HanXRQChr15 1.0 0.5 50 100 150 0 50 100 150 100 150 200 0 50 0 50 100 150 50 100 150 HanXRQChr16 HanXRQChr17 1.0 0.5 -50 100 150 0 50 100 150 200 MB

mds18-neg Argophyllus HanXRQChr01 HanXRQChr04 HanXRQChr02 HanXRQChr03 HanXRQChr05 0.8 -0.6 0.4 0.2 0.0 150 0 100 150 50 100 150 50 100 50 50 100 150 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.8 -0.6 0.4 -MB0.2 Fst Window = 1 I 75 100 0 150 50 100 150 200 25 75 25 50 50 100 0 50 100150200250 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.4 0.2 -0.0 150 100 150 200 0 150 100 50 100 150 0 50 50 100 50 100 150 HanXRQChr16 HanXRQChr17 0.8 -0.6 0.4 -0.2 -0.0 50 100 150 0 50 100 150 200 MB

mds18-pos Argophyllus 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 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.75 -0.50 MB0.25 Fst Window = 175 100 25 75 100 0 50 150 0 50 100 150 200 25 50 50 100 0 50 100150200250 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.75 0.50 0.25 0.00 150 50 100 150 100 150 0 50 100 150 200 0 50 100 100 150 HanXRQChr16 HanXRQChr17 0.75 -0.50 0.25 -0.00 -50 100 150 0 50 100 150 200 MB

mds20-neg Argophyllus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.8 -0.6 -0.4 -0.2 -0.0 50 150 0 100 150 100 50 100 150 50 100 150 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.8 -0.6 -0.4 MB0.2 -Fst Window = 175 100 0 25 75 100 0 50 150 0 50 100 150 200 25 50 50 100 50 100150200250 HanXRQChr11 HanXRQChr13 HanXRQChr12 HanXRQChr14 HanXRQChr15 0.8 -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 0.8 -0.6 -0.4 -0.2 -0.0 -50 100 150 50 100 150 200 0 MB

mds21-neg Argophyllus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.75 0.50 0.25 0.00 50 150 0 50 100 150 0 50 100 150 50 100 150 200 50 100 100 150 0 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.75 0.50 0.25 0.00 Fst Window = 150 75 100 0 50 100 150 0 50 100 150 200 50 100150200250 100 25 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.75 0.50 0.25 0.00 50 100 150 50 100 150 50 100 150 200 0 0 0 50 100 150 50 100 HanXRQChr16 HanXRQChr17 0.75 0.50 0.25 0.00 50 100 150 0 50 100 150 200 MB

mds23-pos Argophyllus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.5 0.4 -0.3 -0.2 0.1 -0.0 50 150 0 50 100 150 100 150 100 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 50 75 100 0 150 0 50 100 150 200 25 50 50 100 50 100150200250 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr15 HanXRQChr14 0.5 0.4 -0.3 0.2 0.1 0.0 -50 100 150 2000 100 150 100 150 50 100 150 0 50 50 100 150 HanXRQChr16 HanXRQChr17 0.5 0.4 -0.3 -0.2 -0.1 0.0 -50 100 150 0 50 100 150 200

MB

mds25-neg Argophyllus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.6 -0.4 -0.2 100 150 50 100 150 0 50 100 150 50 50 100 150 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.6 -0.4 -0.2 Fst Window = 75 100 0 50 75 100 0 150 0 50 100 150 200 25 50 100 50 100150200250 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.6 -0.4 -0.2 50 100 150 200 0 100 150 100 150 50 100 150 0 50 50 100 150 HanXRQChr16 HanXRQChr17 0.6 -0.4 -0.2 0.0 100 150 50 100 150 200 MB

mds26-neg Argophyllus HanXRQChr01 HanXRQChr04 HanXRQChr02 HanXRQChr03 HanXRQChr05 0.75 -0.50 0.25 0.00 150 0 100 150 100 150 50 100 150 50 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.75 0.50 $\overline{\mathsf{MB}}$ 0.25 Fst Window = 10.00 75 100 0 50 150 0 50 100 150 200 50 100150200250 25 100 25 50 100 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.75 0.50 0.25 0.00 100 50 100 150 200 0 50 150 50 150 100 150 0 50 100 100 150 HanXRQChr16 HanXRQChr17 0.75 -0.50 0.25 0.00 100 150 50 100 150 200 50 MB

mds26-pos Argophyllus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.6 0.4 -0.2 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 0.6 0.4 0.2 Fst Window = 75 100 0 25 50 75 100 0 50 150 0 50 100 150 200 50 100150200250 100 0 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.6 0.4 0.2 0.0 150 100 150 50 100 150 200 0 150 50 100 0 50 0 50 100 100 150 HanXRQChr16 HanXRQChr17 0.6 0.4 -0.2 100 150 50 100 150 200 50 0 MB

mds29-neg Argophyllus HanXRQChr01 HanXRQChr03 HanXRQChr04 HanXRQChr05 HanXRQChr02 0.6 -0.4 0.2 -0.0 50 150 0 50 100 150 50 150 100 150 100 100 0 50 50 100 150 200 0 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.6 0.4 -MB 0.2 Fst Window = 1100 25 75 100 0 50 100 150 50 100 150 200 50 100150200250 25 75 50 0 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.6 0.4 0.2 0.0 150 150 50 100 150 200 0 150 50 100 50 100 0 50 100 100 150 HanXRQChr16 HanXRQChr17 0.6 0.4 -0.2 -0.0 100 150 50 0 50 100 150 200 MB

mds30-pos Argophyllus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.50 0.25 0.00 150 0 50 100 150 50 100 150 50 100 150 50 100 150 200 100 0 0 0 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.50 0.25 1 MB 0.00 Fst Window = 75 100 25 50 75 100 0 50 150 0 50 100 150 200 50 100150200250 0 100 0 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.50 0.25 0.00 100 150 50 150 50 100 150 200 0 50 0 100 0 150 0 50 100 HanXRQChr16 HanXRQChr17 0.50 0.25 0.00 100 150 50 0 50 100 150 200 MB

mds31-neg Argophyllus HanXRQChr01 HanXRQChr04 HanXRQChr02 HanXRQChr03 HanXRQChr05 0.8 -0.6 0.4 -0.2 150 100 150 50 100 50 100 150 50 50 100 150 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.8 -0.6 0.4 -MB 0.2 Fst Window = 1 [75 100 0 50 150 50 100 150 200 25 75 25 50 100 0 50 100150200250 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.4 -0.2 0.0 - 0.0150 150 100 150 200 0 150 100 50 100 0 50 50 100 50 100 HanXRQChr16 HanXRQChr17 0.8 -0.6 -0.4 -0.2 -0.0 50 100 150 0 50 100 150 200

MB

mds33-neg Argophyllus HanXRQChr01 HanXRQChr04 HanXRQChr02 HanXRQChr03 HanXRQChr05 0.6 -0.4 0.2 50 100 150 200 150 0 50 100 150 50 100 150 100 150 100 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.6 -0.4 0.2 Fst Window = 1 [75 100 0 150 0 50 100 150 200 25 75 25 50 100 50 100150200250 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.2 100 150 200 0 150 50 100 150 50 100 150 50 50 100 50 100 0 HanXRQChr16 HanXRQChr17 0.6 -0.4 -0.2 100 150 50 100 150 200 MB

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

mds36-pos Argophyllus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.50 0.25 0.00 50 150 0 50 100 150 50 100 150 50 100 150 50 100 150 200 100 0 0 0 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.50 0.25 1 MB 0.00 Fst Window = 75 100 0 25 75 100 0 50 150 0 50 100 150 200 50 100150200250 50 100 0 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.50 0.25 0.00 100 150 50 100 150 50 100 150 200 0 50 100 0 0 150 50 100 0 HanXRQChr16 HanXRQChr17 0.50 0.25 0.00 50 100 150 0 50 100 150 200 MB

mds39-pos Argophyllus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.4 -0.3 -0.2 -0.1 -0.0 -50 150 0 50 100 150 100 150 50 100 150 200 100 50 50 100 150 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.4 -0.3 0.2 MB 0.1 -Fst Window = 175 100 0 25 50 75 100 0 50 150 0 50 100 150 200 50 100150200250 25 50 100 HanXRQChr11 HanXRQChr14 HanXRQChr15 HanXRQChr12 HanXRQChr13 0.4 -0.3 -0.2 -0.1 0.0 -150 50 100 150 2000 100 150 100 150 50 100 0 50 50 100 150 HanXRQChr16 HanXRQChr17 0.4 -0.3 -0.2 -0.1 -0.0 -50 100 150 200 50 100 150 0 MB

mds40-neg Argophyllus HanXRQChr01 HanXRQChr02 HanXRQChr03 HanXRQChr04 HanXRQChr05 0.75 0.50 0.25 0.00 50 150 50 100 150 100 150 100 150 0 50 50 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.75 0.50 $\overline{\mathsf{MB}}$ 0.25 Fst Window = 175 100 0 50 150 0 50 100 150 200 25 50 75 100 25 50 100 50 100150200250 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.75 0.50 0.25 0.00 150 100 150 100 150 50 100 0 50 100 150 200 0 50 50 100 150 HanXRQChr16 HanXRQChr17 0.75 0.50 0.25 0.00 50 100 150 50 100 150 200 MB

mds40-pos Argophyllus HanXRQChr01 HanXRQChr03 HanXRQChr04 HanXRQChr02 HanXRQChr05 0.3 -0.2 0.1 150 0 50 100 150 50 100 50 100 150 100 150 50 100 150 200 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 0.3 -0.2 MB0.1 Fst Window = 175 100 0 50 150 0 50 100 150 200 25 75 25 50 100 50 100150200250 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 0.3 0.2 0.1 0.0 150 100 150 200 0 100 150 50 100 50 100 150 0 50 50 100 HanXRQChr16 HanXRQChr17 0.3 -0.2 -0.1 -0.0 100 150 0 50 100 150 200 MB