Paternal (G1) treatment ← controlP ← infectedP BP04 BP05 BP16 BP30 BP31 BP34 BP49 BP46 100 Gy_chrlX 1768723 75 50 25 0 -100 -Gy_chrXII 14816244 75· 50 25 0 -100 -Gy_chrXVII 19135168 Methylation value 75 50 25 0 -100 Gy_chrXVIII 8770034 75· 50 25 0 -100 Gy_chrXX 7072620 75 50 25 infected infected control infected control infected control control control infected control infected control infected control infected

Offspring (G2) treatment