G2 inter NO G1 effect only BP04 BP31 BP34 BP46 BP49 100 -75 **-**50 **-**25 -0 -100 -75 **-**50 -25 **-**100 -Gy_chrXVII 19135168 75 **-**Paternal (G1) treatment 50 **-→** controlP infectedP 0 -100 -75 -50 -25 -100 -Gy_chrXX 7072620 75 **-**50 **-**

control

Offspring (G2) treatment

infected

infected

control

infected

control

infected

control

infected

control

infected

control

control

infected

Methylation value

25 **-**

0 -

control

infected