G1 + G2 effect only BP04 BP31 BP34 BP46 BP49 100 **-**75 **-**50 -25 -0 -100 -75 **-**25 **-**100 -Gy_chrXVI 17439439 75 **-**Paternal (G1) treatment 50 **-**0 -100 -75 **-**50 -25 -100 -Gy_chrXVI 7593521 75 **-**50 **-**25 **-**

infected

control

infected

control

infected

control

control

Offspring (G2) treatment

infected

control

infected

infected

control

infected

control

Methylation value

0 -

control

infected