A
embryonic width (μm)
embryonic length (μm)
WT
fat2RNAi
10x bcd
B
Embryo aspect ratio
OreR live
OreR fixed
fat2RNAi live
fat2RNAi fixed
C
embryonic width (μm)
embryonic length (μm)
OreR live
OreR fixed
fat2RNAi live
fat2RNAi fixed
D
% embryos
embryonic hatchability
puparation rate
adult emergence rate
WT
fat2RNAi 400<EL <480μm
fat2RNAi 300<EL <400μm
6xbcd
10xbcd
E
WT
fat2RNAi
F
WT
fat2RNAi
nuclear cycle 4
nuclear cycle 8
nuclear cycle 12
G
eGFP:Bcd, ctrl
Total Bcd, ctrl
eGFP:Bcd, fat2RNAi
Total Bcd, fat2RNAi
Normalized Bcd concentration
Distance from anterior (μm)
Normalized Bcd concentration
Concentration Difference
x/L