gtaG dependent (44) 20 AX4 rapgapB - tgrB1 tgrB1 tgrC1<sup>-</sup> rapgapB <sup>-</sup> tgrC1 <sup>-</sup>
AX4 L846F ■ rapgapB <sup>—</sup> 16 -16 -12 -12 -8 -8 4 0

hours of mutant development

8

12

16

20

hours of AX4 development

8

12

16

20