slug\_Mhat (209) 20 strain AX4 strain rapgapB - tgrB1 tgrB1rapgapB <sup>-</sup> tgrC1 <sup>-</sup> AX4 L846F B1L846F tgrC1 rapgapB <sup>-</sup> 16 12 -8 -4 -8 12 16 20 8 12 16 20 4

hours of mutant development

20

16

12 -

8 -

4 -

hours of AX4 development