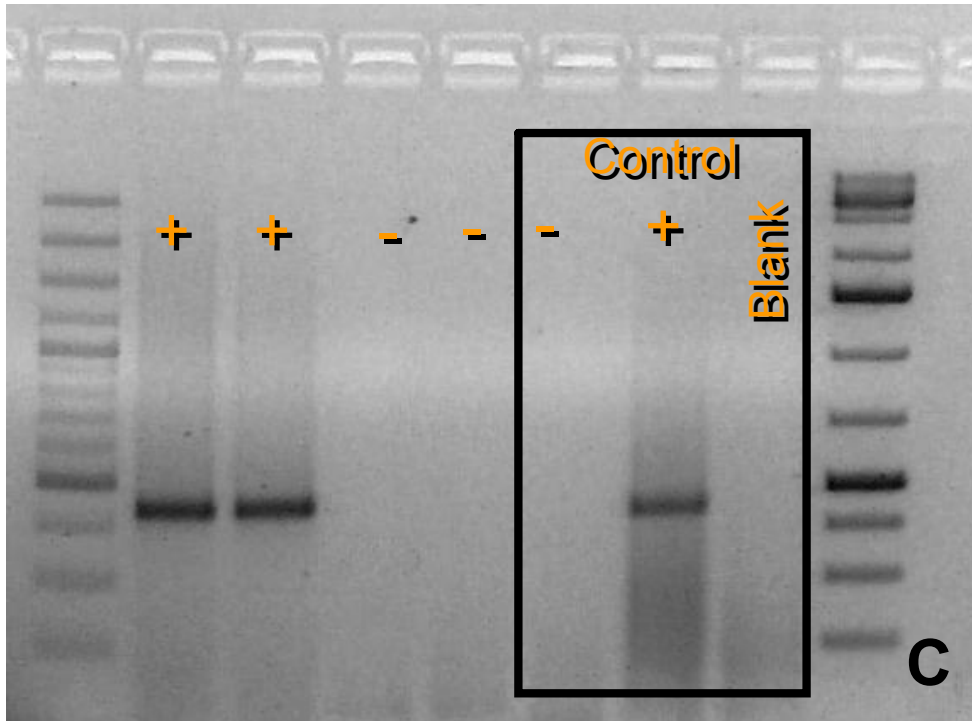
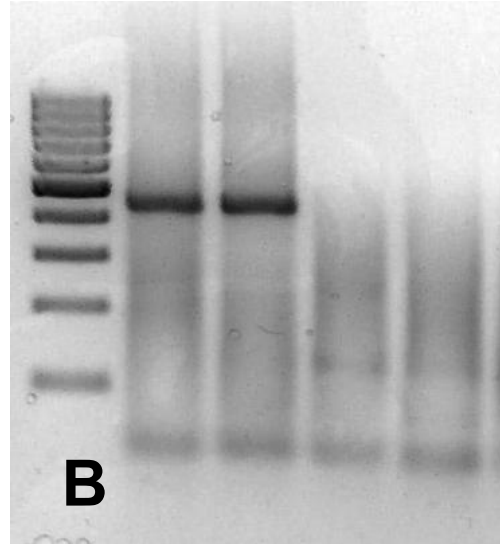
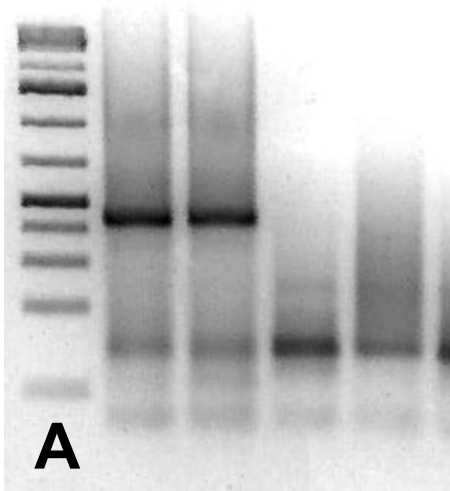
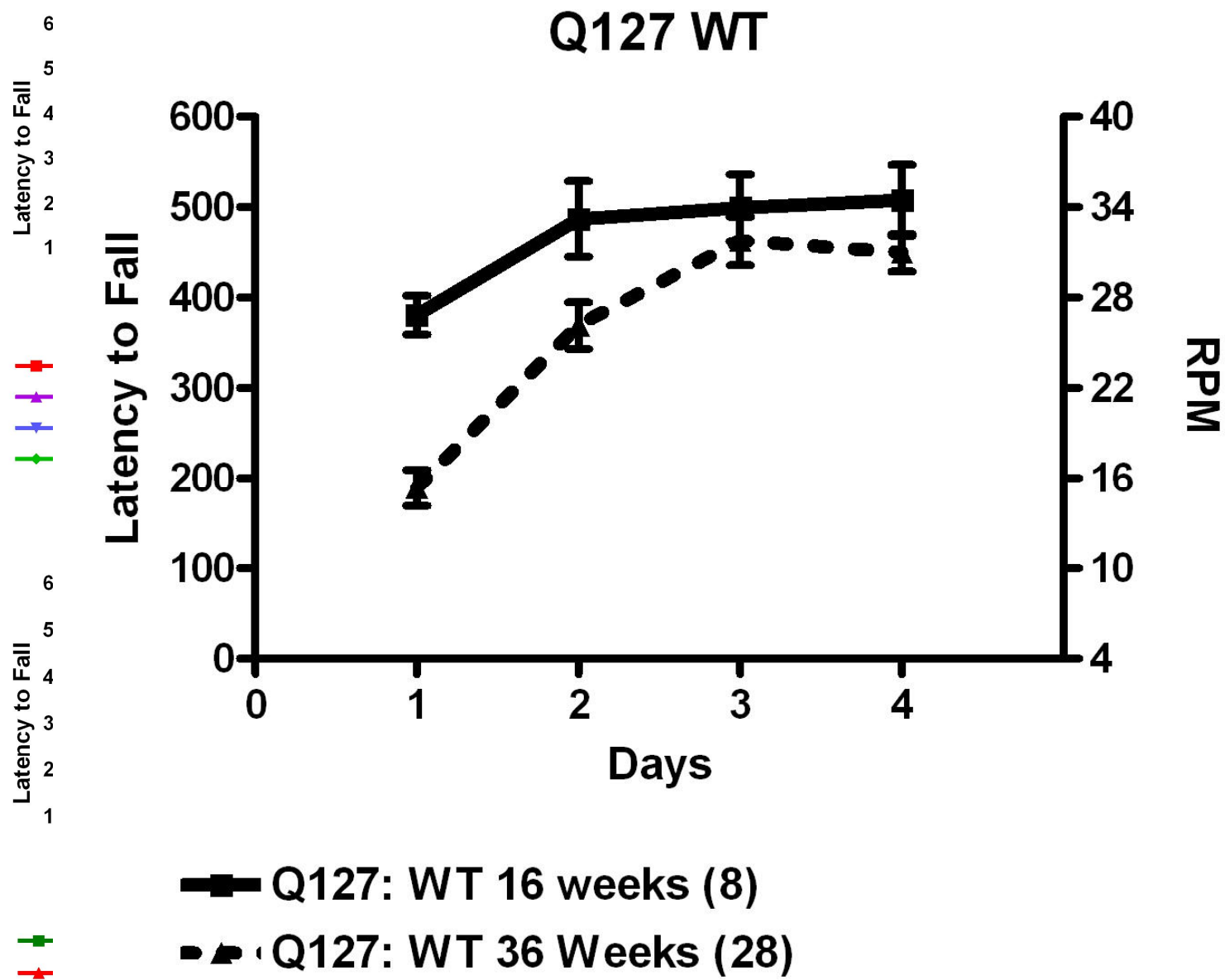


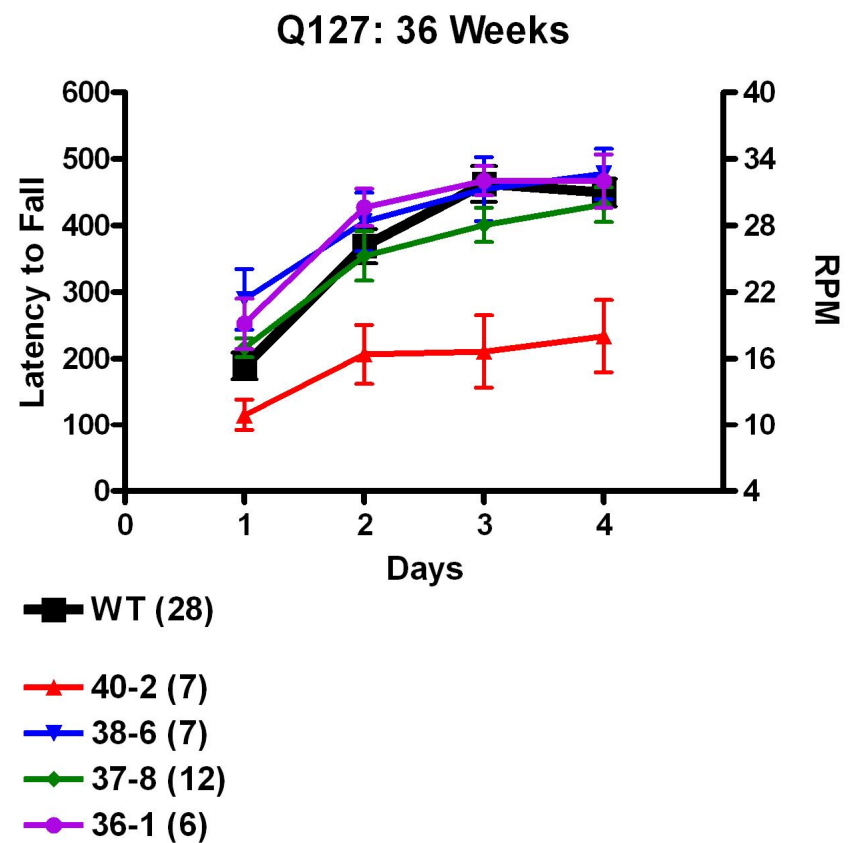
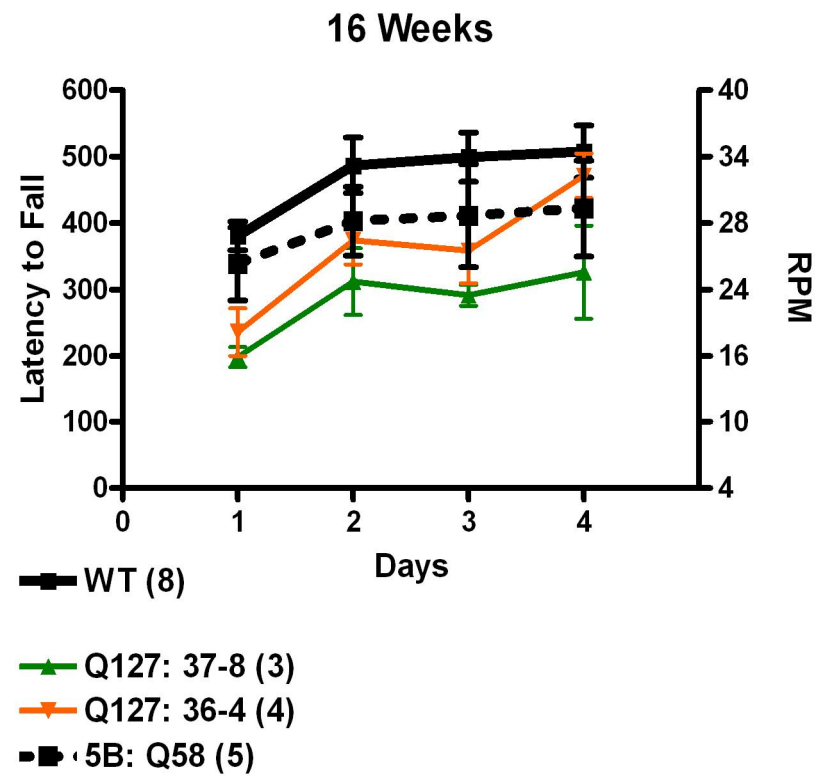
Q127 update

12/12/2008



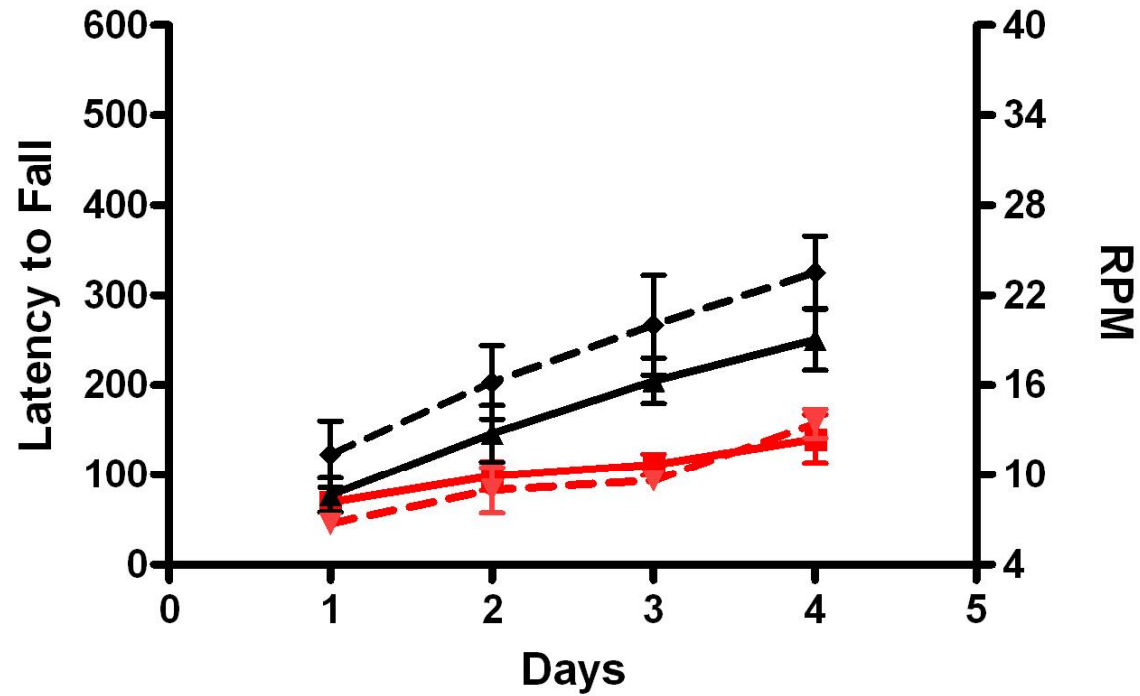
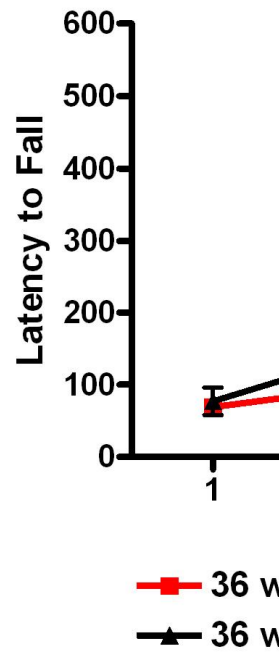
- **CAG**
- Step down PCR
 - Annealing 67c x 5
 - Annealing 63c x 35
- A: 5 μ L DNA
- B: 3 μ L DNA
- C: 2 μ L DNA
- 10x Buffer 2 μ L
- dNTPs 2 μ L
- hsTaq 0.2 μ L
- Q solution 2 μ L
- dd H₂O $\uparrow$ 20 μ L





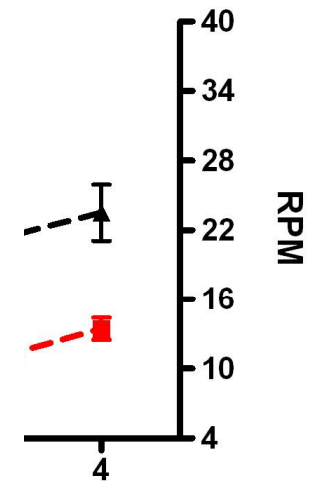
SCA I

36 Weeks



- SCA 1 (8)
- SCA1 WT (8)
- SCA2 KO (3)
- SCA2 WT (5)

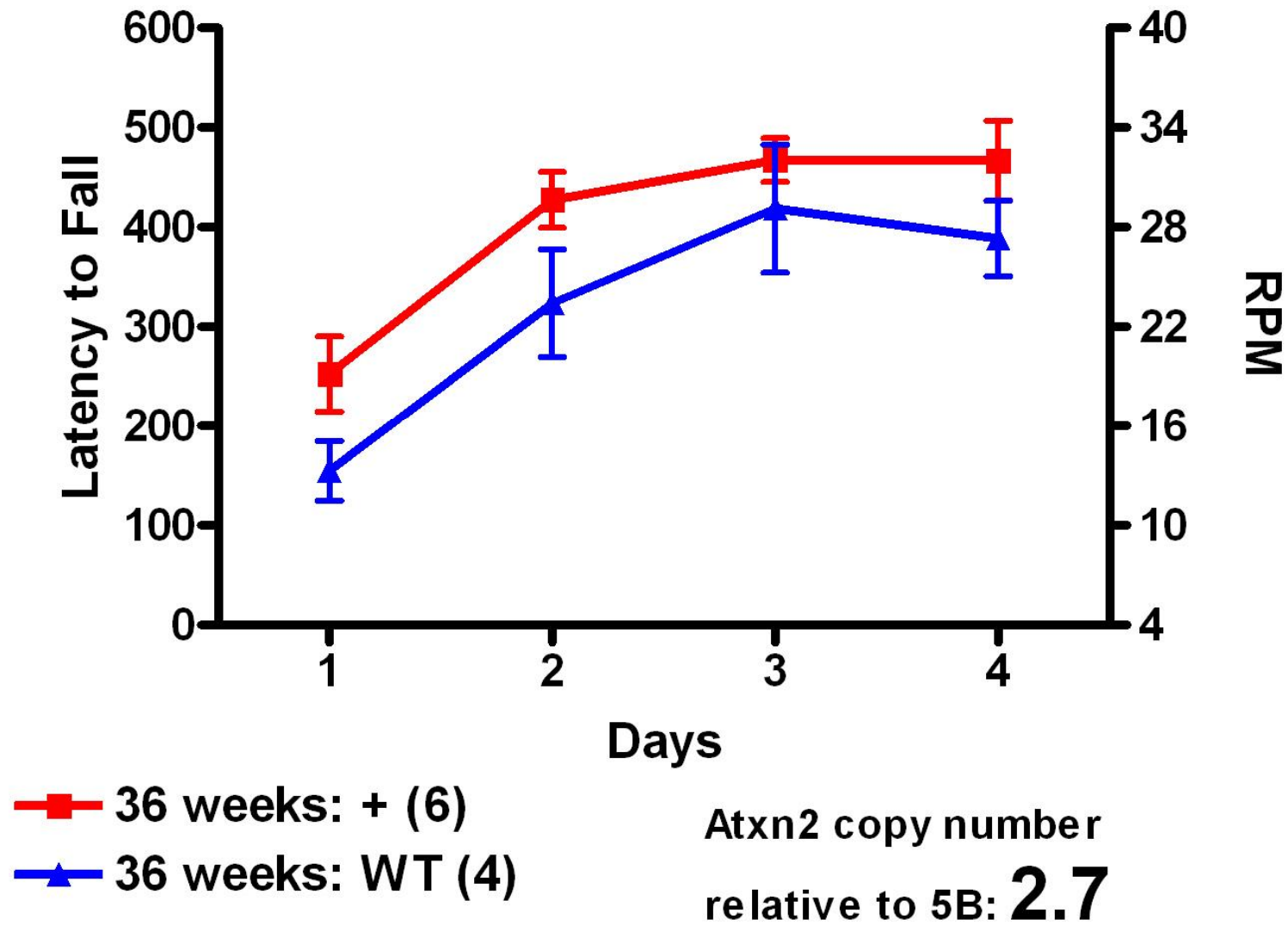
36 weeks: WT (5)



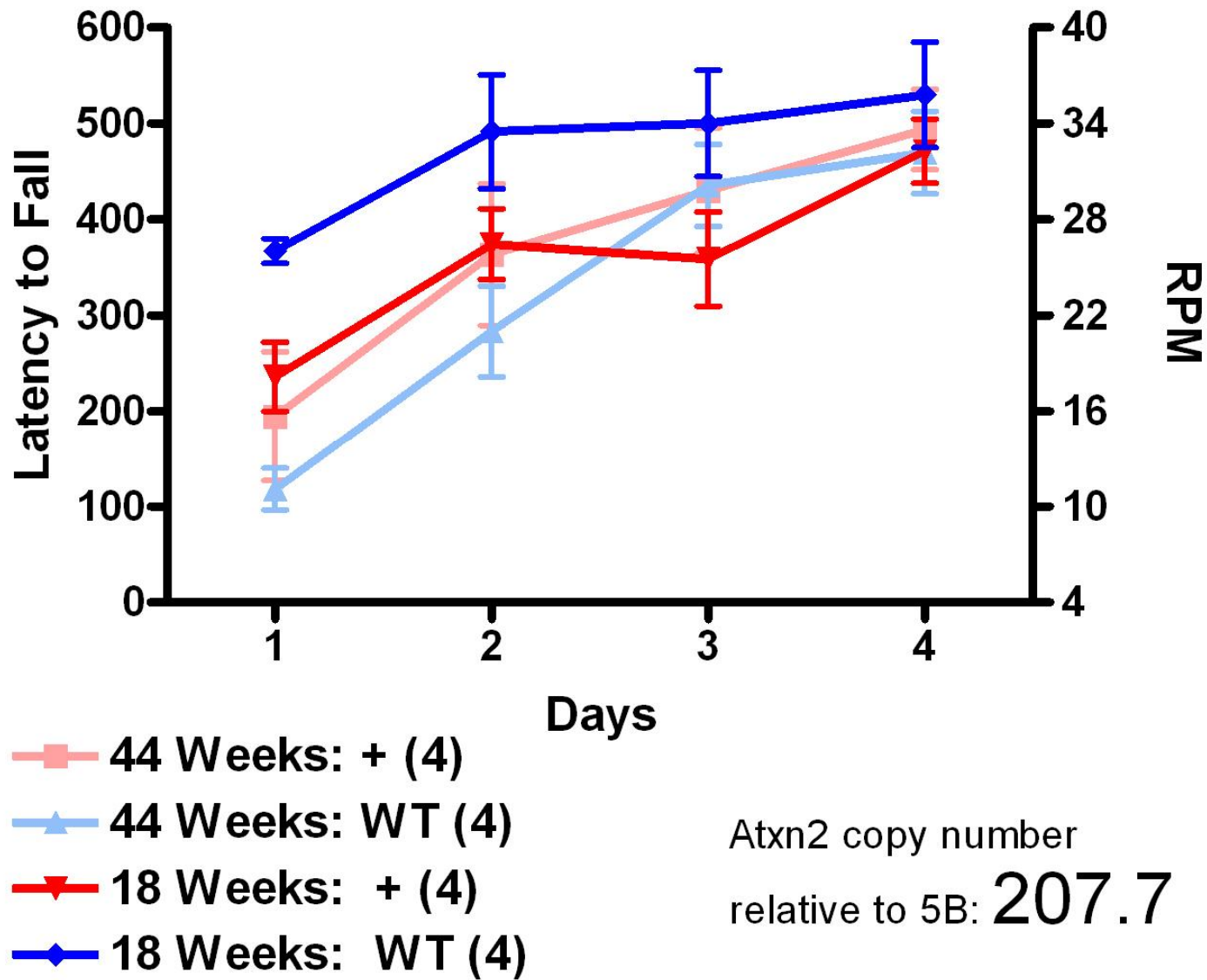
Developing...

- Brain lysates have been collected
 - Testing antibodies next week...
- DigiGait system
 - Arrived 12/11/2008
 - Training 12/19/2008
- More Rotarod?

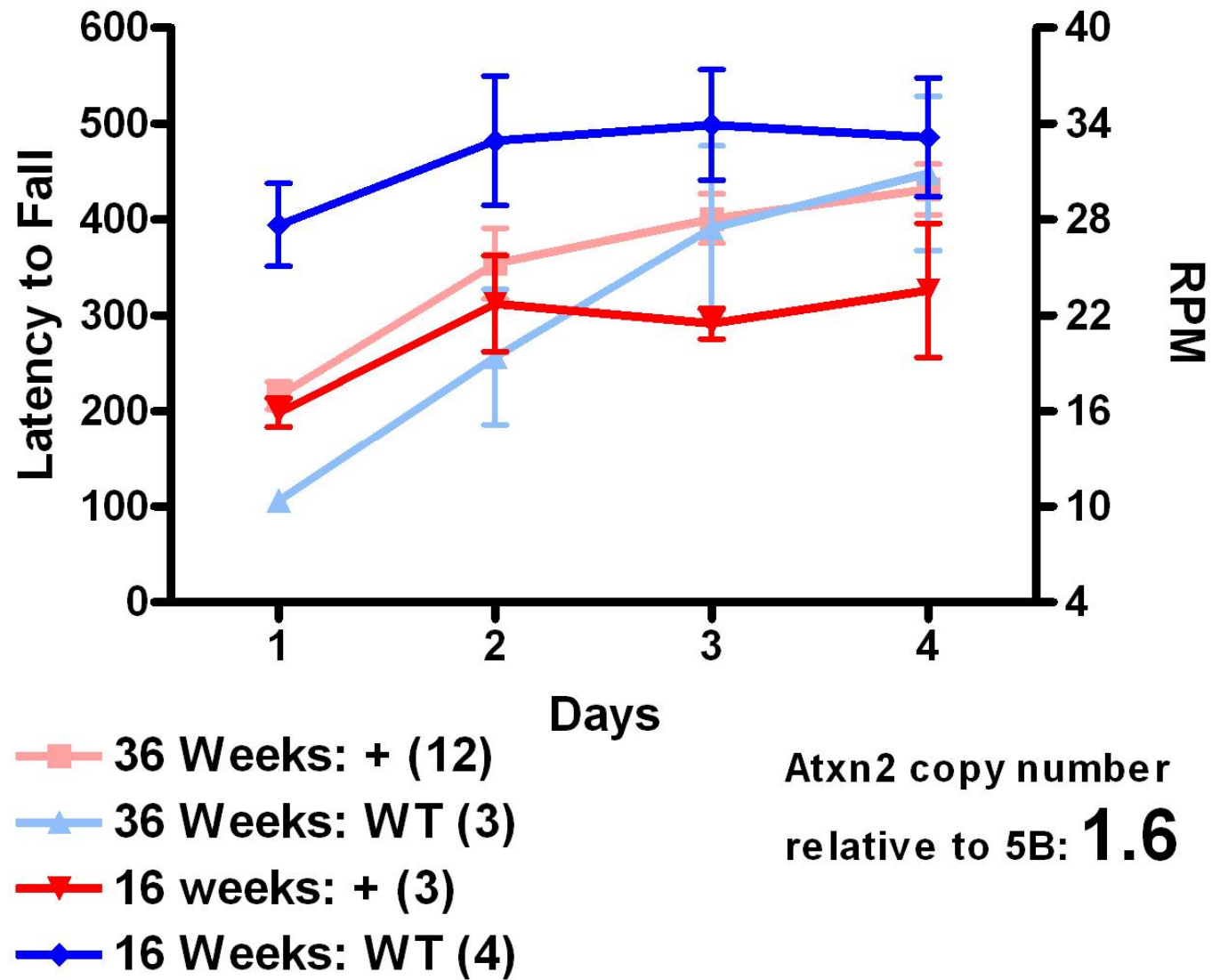
Q127: 36-1



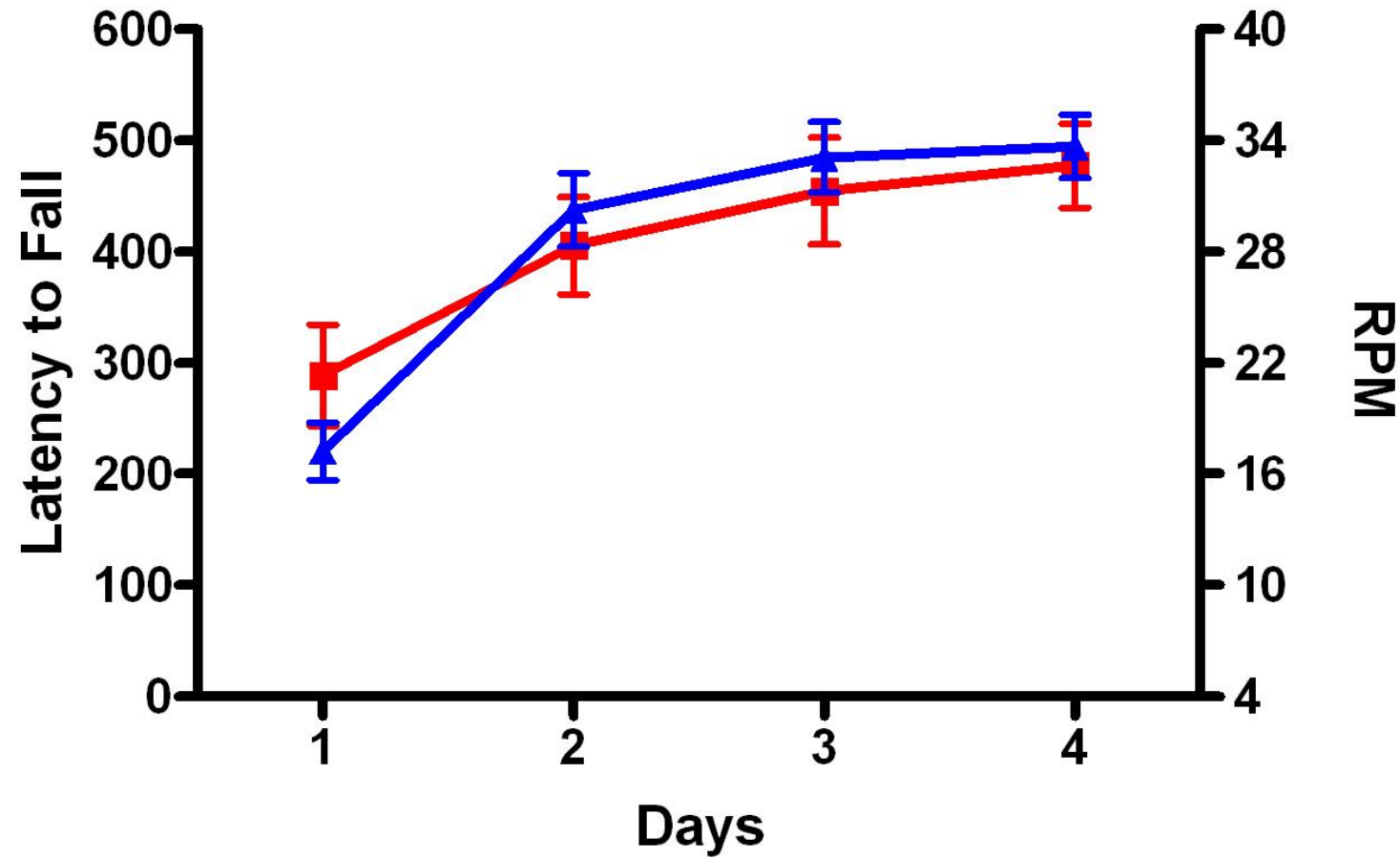
Q127: 36-4



Q127: 37-8



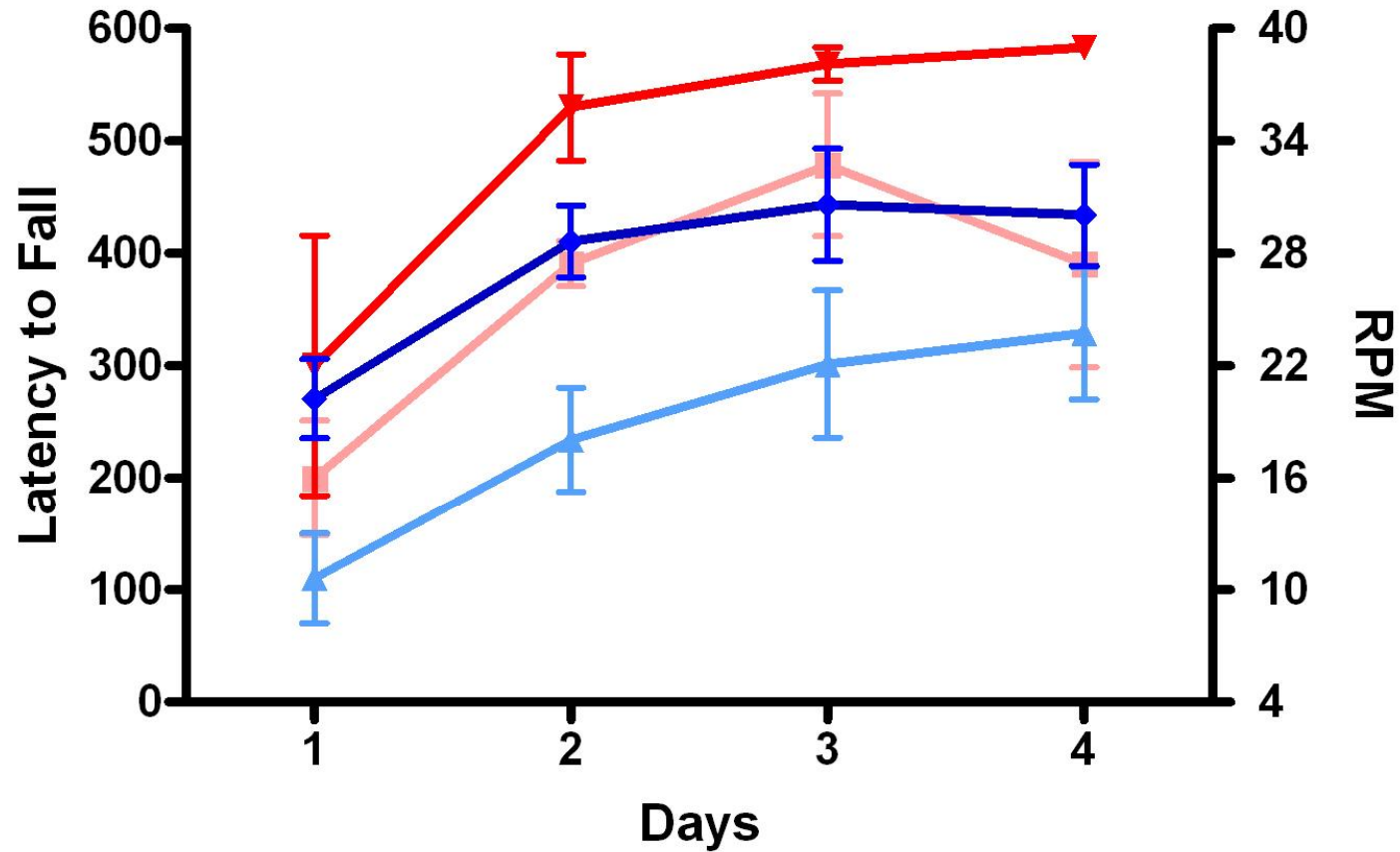
Q127: 38-6



—■— 36 Weeks: +(7)
—▲— 36 Weeks: WT(11)

Atxn2 copy number
relative to 5B: **5.6**

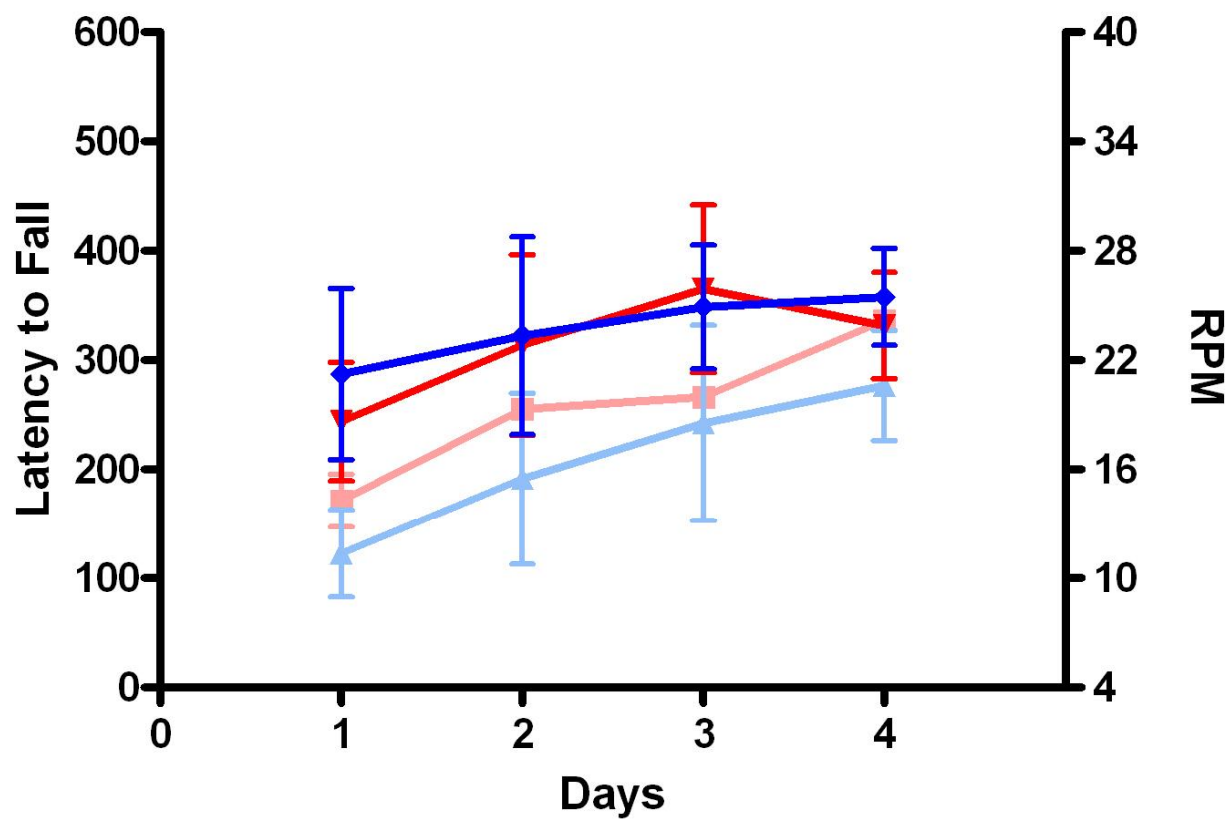
Q127: 38-13



- 62 Weeks: + (3)
- 62 Weeks: WT (4)
- 16 Weeks: +(2)
- 16 Weeks: WT (7)

Atxn2 copy number
relative to 5B: **65.4**

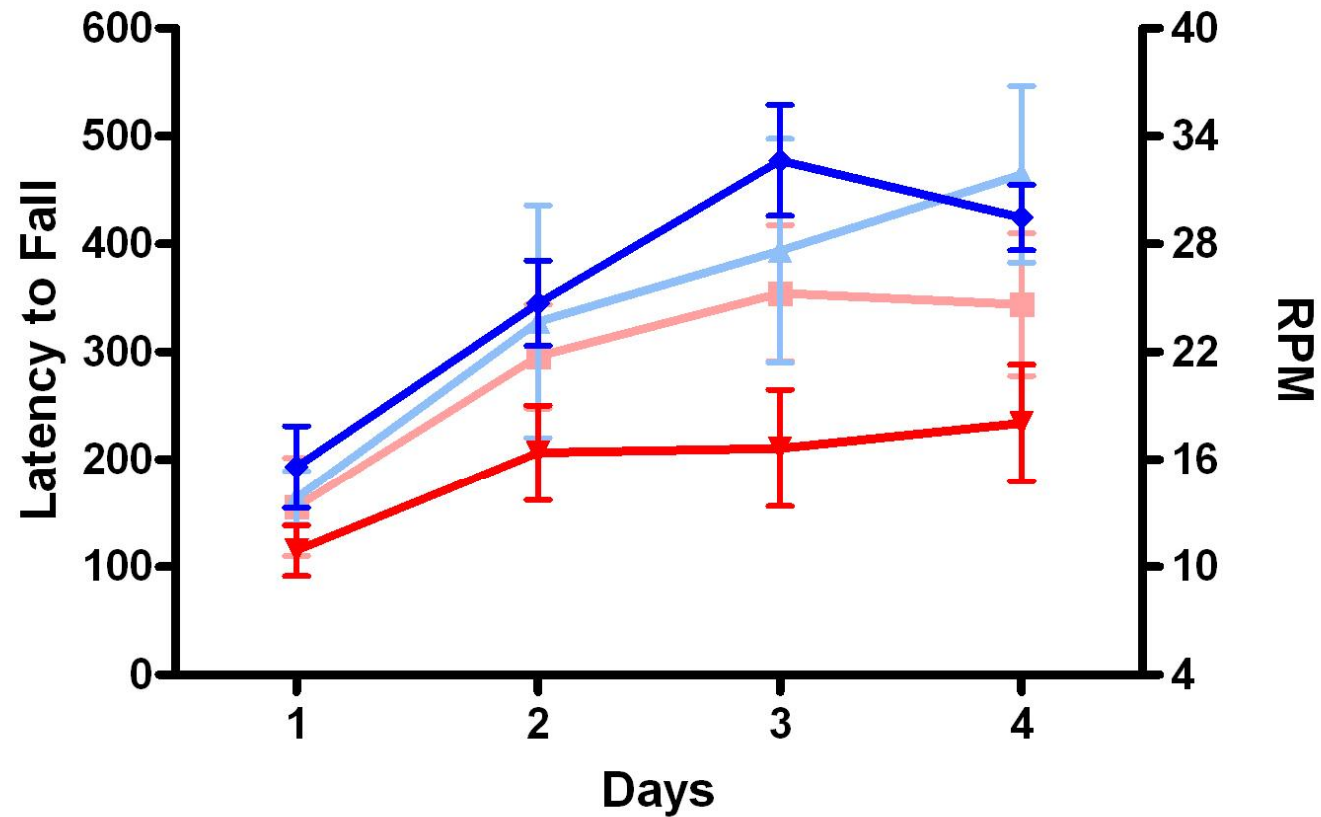
Q127: 39-12



- 44 Weeks: + (4)
- 44 Weeks: WT (2)
- 20 Weeks: + (4)
- 20 Weeks: WT (5)

Atxn2 copy number
relative to 5B: **179.5**

Q127: 40-2



- 54 weeks: + (7)
- ▲— 54 weeks: WT (3)
- ▼— 36 weeks: + (7)
- ◆— 36 weeks: WT (10)

Atxn2 copy number
relative to 5B: **17.8**