

Transgenic line	A β expression ¹⁾	Climbing defects (dae) ²⁾	Average lifespan (dae)
A β 42 S	1.89 \pm 0.17	25	35.6 (n=111 flies)
Aβ42 M*	1.00	35	46.2 (n=89 flies)
A β 42 W	0.44 \pm 0.10	40	53.3 (n=93 flies)
A β 42Arc S(M+W)	1.68	15 [†]	21.2 (n=116 flies)
Aβ42Arc M*	1.01 \pm 0.06	25	32.9 (n=98 flies)
A β 42Arc W	0.67 \pm 0.04	35	44.4 (n=99 flies)
A β 42art S	2.40 \pm 0.23	25	31.4 (n=99 flies)
Aβ42art M*	1.02 \pm 0.05	45	51.4 (n=97 flies)
Control	-	-	72.4 (n=95 flies)

¹⁾ Relative levels of A β to A β 42 M are shown (n=3, average \pm SD). ²⁾ Days-after-eclosion (dae) when climbing disability in 80% of the flies occurred except for [†]. [†] Days-after-eclosion (dae) when climbing disability in 70% of the flies occurred.