SUPPLEMENTAL FIGURE LEGENDS

Figure S1. Expression of EcR-B1 isoform at larval stages in MB neurons.

(A-D) Cell bodies of MB neurons in 1st (L1), 2nd (L2), 3rd instar (early L3) and wandering L3 larvae (WL3) expressing GAL4-OK107-driven mGFP (green) and labelled with anti-EcR-B1 antibody (magenta). (E) Quantification of EcR-B1 fluorescence intensity signal at larval stages in MB neurons. We analysed 4 brains for each stage.

Figure S2. GAL4-c305 driver is specifically expressed in developing α’β’ MB neurons

(A-B) α’β’ MB neuron axonal projections from WL3 (A) and 18H APF (B) brains expressing mGFP (green) driven by GAL4-c305 and labelled with anti-FasII antibody (magenta). Arrow indicates pruned γ MB axons.

Figure S3. Misexpression of microRNA Let-7-C blocks EcR-B1 expression.

MB neuroblast clones of control (A, A’) (n=7) or expressing UAS.let-7-C (B, B’) (n=10) obtained with MARCM, labelled with mGFP (green) using GAL4-OK107 and with anti-EcR-B1 antibody (magenta) and observed at the WL3 stage.
Figure S5
Figure S6

(A) WL3

GAL4-305>mGFP
FasII

20 μm

(B) 18H APF

α'

β'

γ
Figure S7