

## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: Comparison of Nfasc-BAR with NrCAM-BAR.

File Name: Supplementary Data 2

Description: Proteomics results from Nfasc-BAR across development.

File Name: Supplementary Data 3

Description: fold-change and statistical comparison across development. Data were used to generate volcano plots.

File Name: Supplementary Data 4

Description: gRNA sequences used in this study.