**Supporting Information Figure 5**

**A.** Mean ± SD of SM levels (nmol/mg protein) in synaptosomes from ASMko males treated or not with dexamethasone (n=10).

**B.** Western blot of NSM and tubulin levels in synaptosomes derived from ASMko males treated or not with dexamethasone. Graph shows mean ± SD of NSM levels normalized to tubulin (n=10).

**C.** Western blot of RhoA in supernatants (S) and pellets (P) after 100000g centrifugation of synaptosomes from ASMko males treated or not with dexamethasone. Graph shows mean ± SD of the RhoA ratio pellet/supernatant (n=10).

**Supporting Information Figure 5**

Dexamethasone treatment of ASMko males does not alter SM levels, NSM expression or RhoA membrane binding in synaptosomes.

A. Mean ± SD of SM levels (nmol/mg protein) in synaptosomes from ASMko males treated or not with dexamethasone (n=10). B. Western blot of NSM and tubulin levels in synaptosomes derived from ASMko males treated or not with dexamethasone. Graph shows mean ± SD of NSM levels normalized to tubulin (n=10). C. Western blot of RhoA in supernatants (S) and pellets (P) after 100000g centrifugation of synaptosomes from ASMko males treated or not with dexamethasone. Graph shows mean ± SD of the RhoA ratio pellet/supernatant (n=10).