

Supporting materials

Supporting Fig. 1. PI-PLC activity assay. Purified rSMSr (0, 150, 300 ng) was used for the enzyme assay. TopFluor-PI was used as a substrate. -, no protein was added. The development solvent was Chloroform:Methanol: 15:1 (v/v). The results were the representative of two independent experiments.

Measurement of Ceramide subspecies in tKO liver with AdV-SMSs treatment**Ceramide subspecies**

nmol/mg protein	N16:0	N22:0	N23:0	N24:2	N24:1	N24:0
AdV-Null	0.08±0.012	0.1±0.009	0.04±0.006	0.02±0.002	0.21±0.023	0.17±0.019
AdV-SMSr	0.08±0.018	0.13±0.02	0.04±0.005	0.03±0.007	0.25±0.037	0.19±0.014

Value, mean ± SD; n ≥ 3.

Supporting Fig. 1. Chiang et al.

