**Method S1:** *Bone Marrow Extraction and Transplantation*

The experiment mice all obtained from National Laboratory Animal Center, Taiwan. Six- to twelve-week-old C57BL/6-Tg(CAG-EGFP)1Osb/J mice were used as bone marrow donors and six-to eight-week-old C57BL/6J mice as recipients. BM cells from the donors were harvested from the femurs and tibias by flushing the bone cavity with a mixture of RPMI medium and 2% FBS (Invitrogen) using 23-gauge needles (BD, Franklin Lakes, NJ). The recipient mice were lethally irradiated with a dose of 9 Gy 24 hours prior to the BM transplantation as described in previous publication ([Chen, Chiang et al. 2011](#_ENREF_9)). The recipient mice received 5 x 106 GFP-BM cells intravenously and were allowed to recover for 4 weeks.