



**Supplementary figure 5. Schematic drawing of the hairpin expression cassette.** shRNAs are produced from the U6/tetracyclin-inducible (TetO) promoter. The U6 promoter can transcribe short RNAs by RNA Polymerase III. This expression cassette also contains genes coding for mCherry and Puromycine separated by a linker encoding the 2A self-cleaving sequence under the control of the EF1a promoter. Abbreviations: pA, polyadenylation signal; puro, puromycin; Ψ, packaging signal; T, terminator.