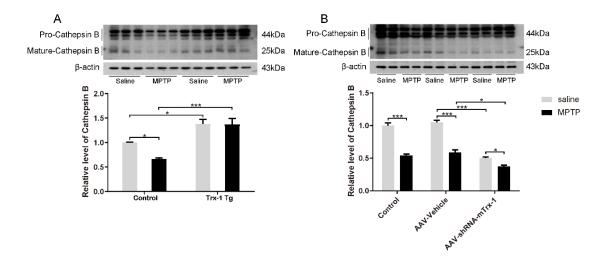


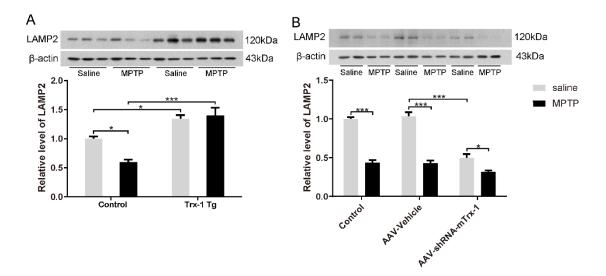
Supplementary Figure 1. Effect of Trx-1 on α -syn mRNA level in the SNpc in MPTP-treated mice.

The mRNA level of α -syn was increased MPTP, which was suppressed by Trx-1 loverexpressing **(A)**, and further increased by Trx-1 knockdown **(B)**. Each bar represents the mean \pm SEM (n = 6). * P < 0.05, ** P < 0.01, *** P < 0.001, statistically significant.



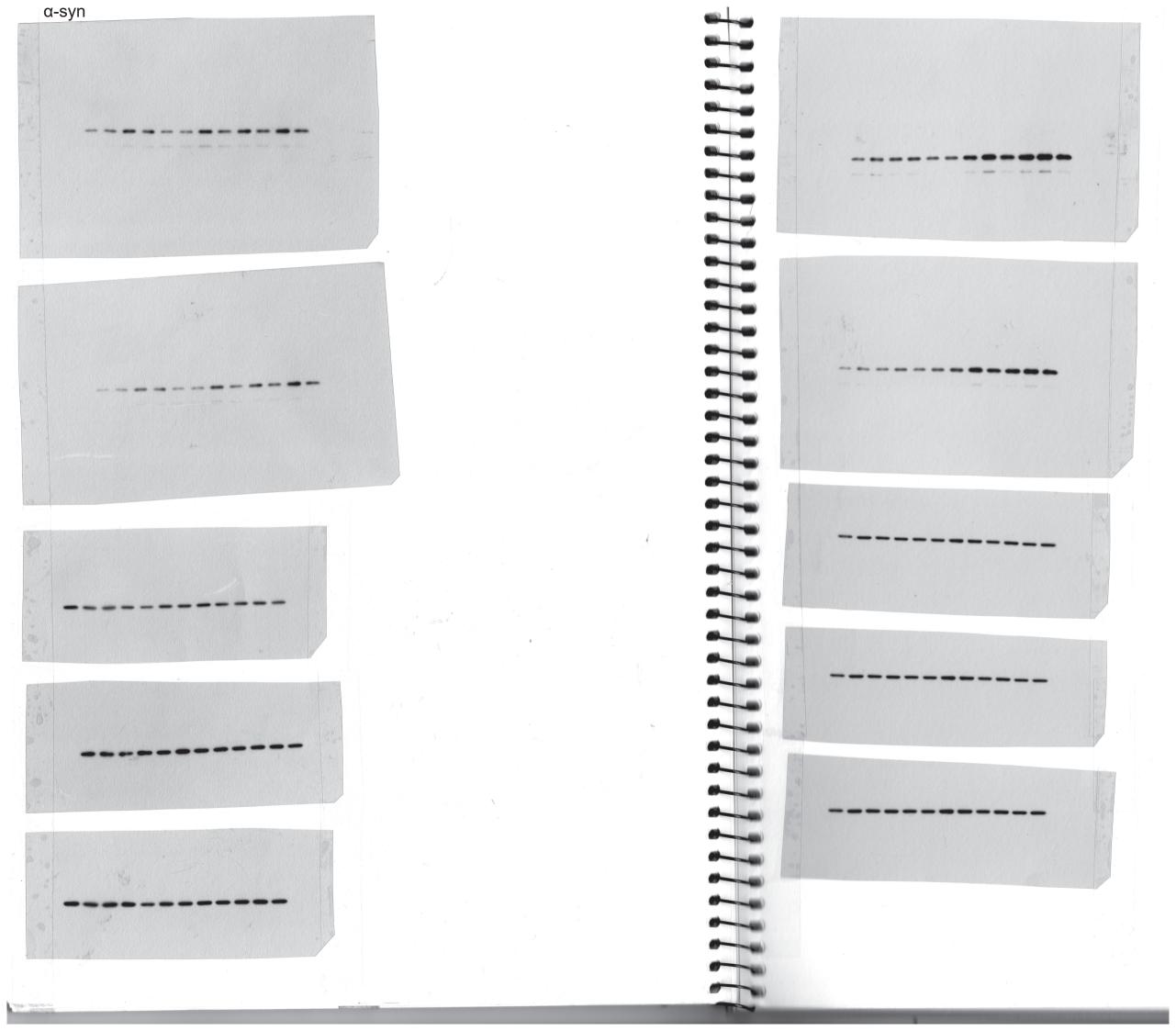
Supplementary Figure 2. Effect of Trx-1 on expression of cathepsin B in the SNpc in MPTP-treated mice.

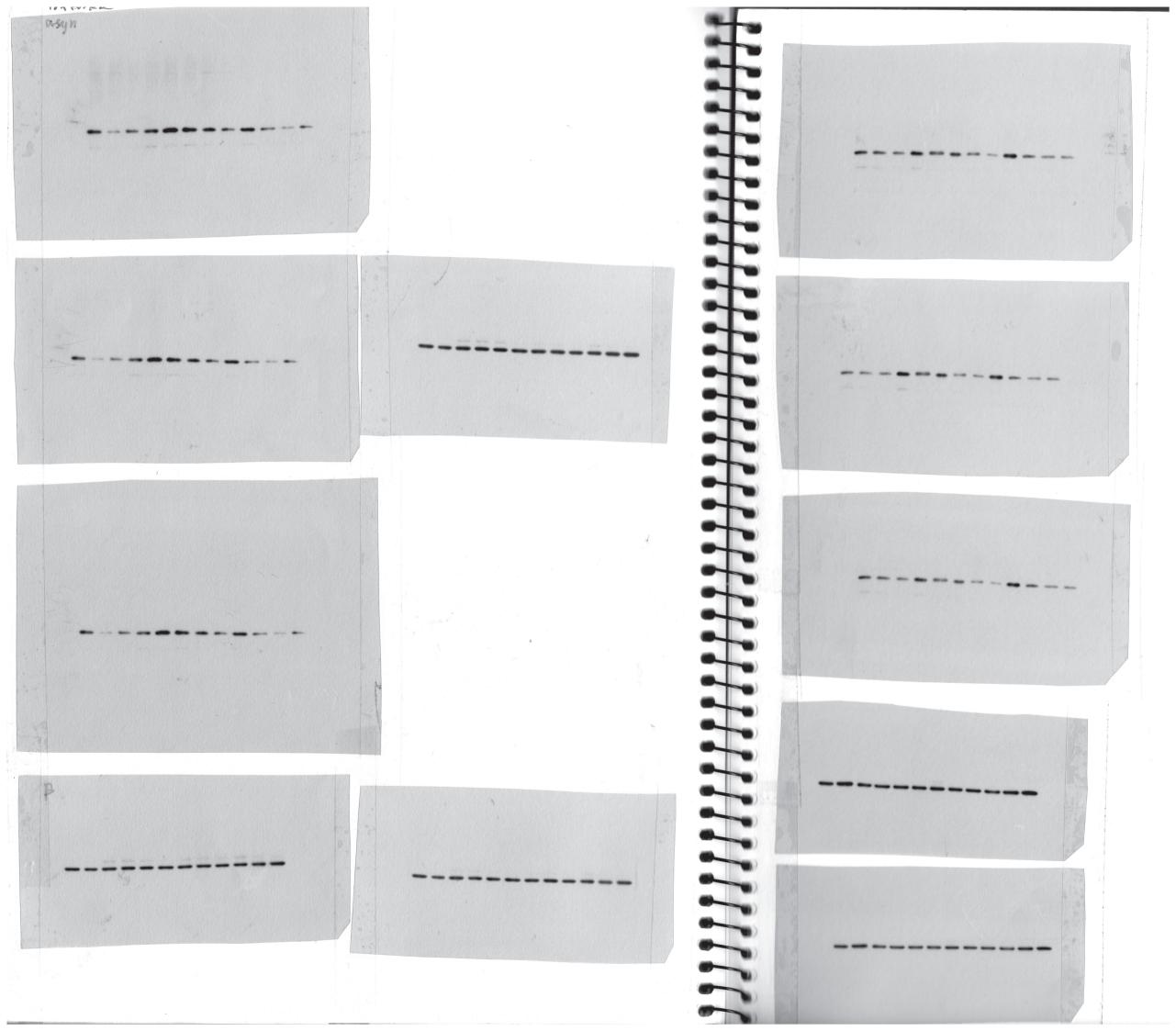
The expression of cathepsin B in the SNpc was detected by Western blot analysis after administration with MPTP. The expression of cathepsin B was decreased by MPTP, which was restored in Trx-1 overexpressing transgenic (Tg) mice (A) and was further decreased in Trx-1 knockdown in the SNpc in mice (B). Each bar represents the mean \pm SEM (n = 6). * P < 0.05, *** P < 0.001, statistically significant.



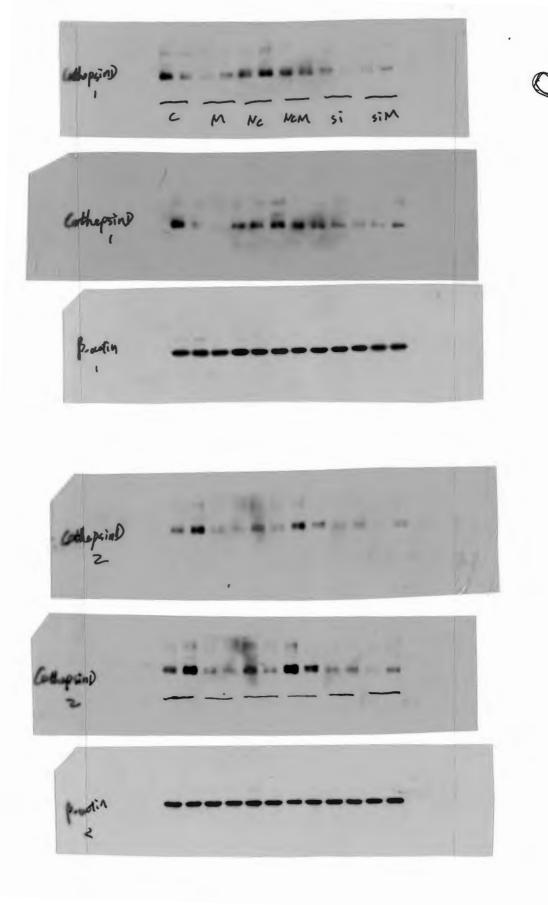
Supplementary Figure 3. Effects of Trx-1 on expression of LAMP2 in the SNpc in MPTP-treated mice.

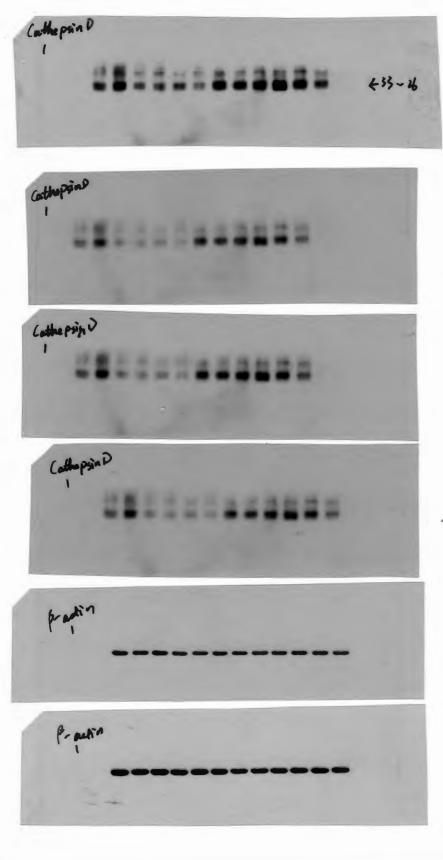
The expression of LAMP2 in the SNpc was detected by Western blot analysis. The The expression of LAMP2 was decreased by MPTP, which was restored in Trx-1 overexpressing transgenic (Tg) mice (A) and was further decreased in Trx-1 knockdown in the SNpc in mice (B). Each bar represents the mean \pm SEM (n = 6). * P < 0.05, *** P < 0.001, statistically significant.

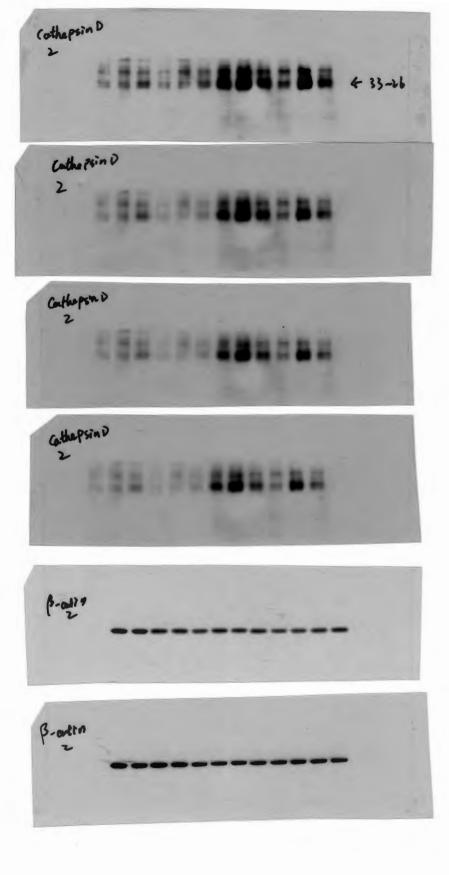


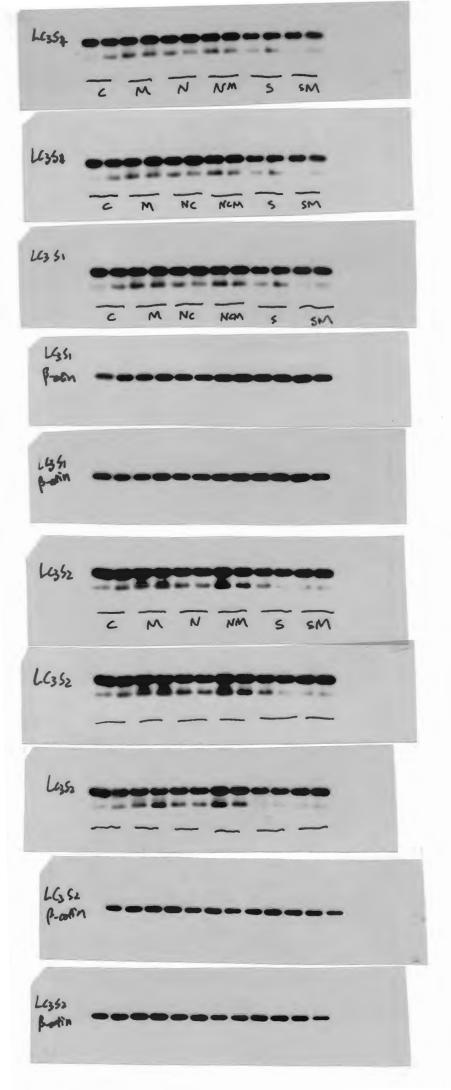


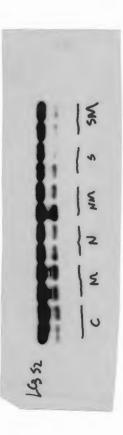
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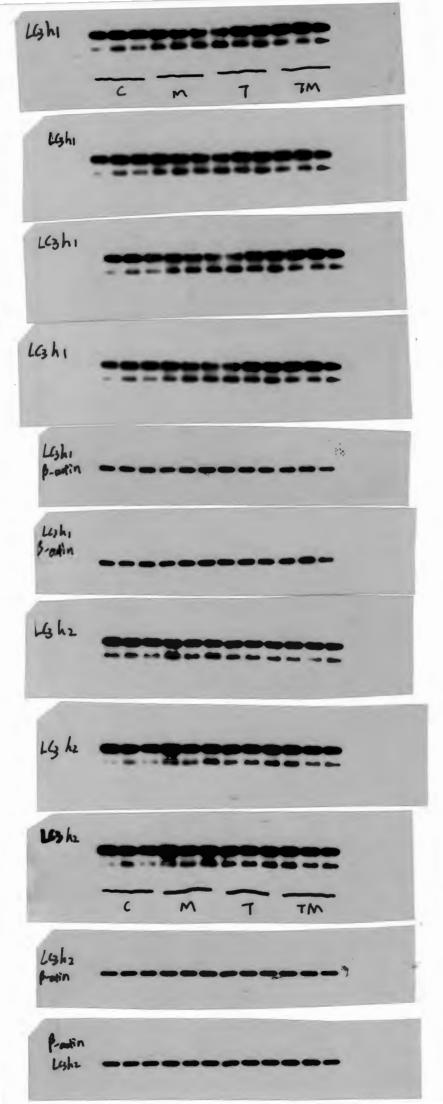




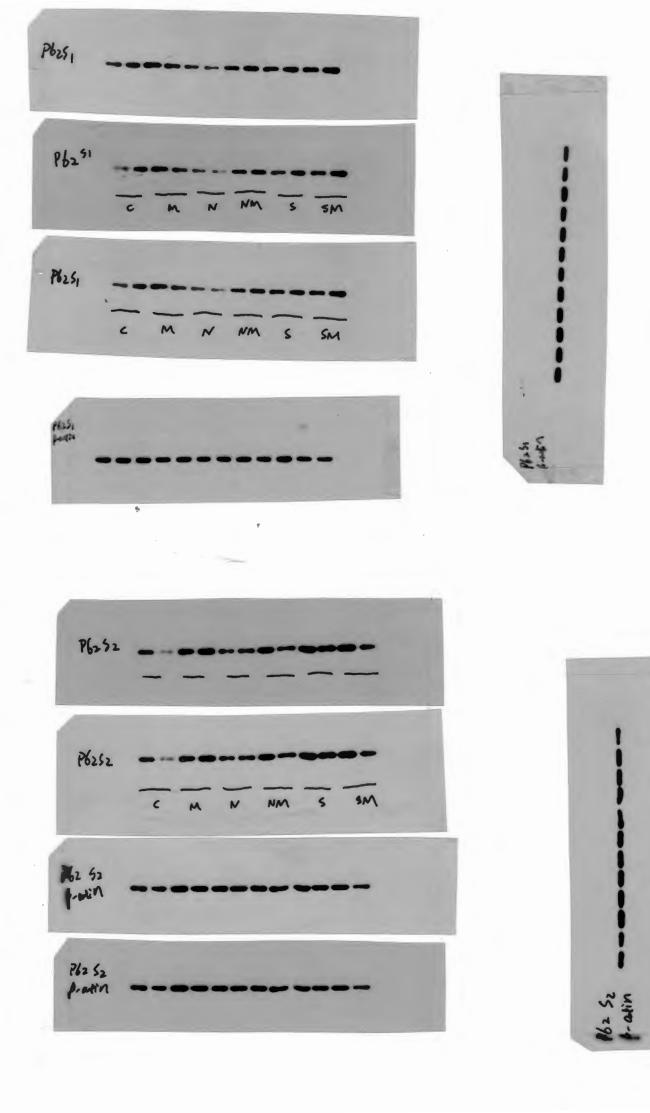


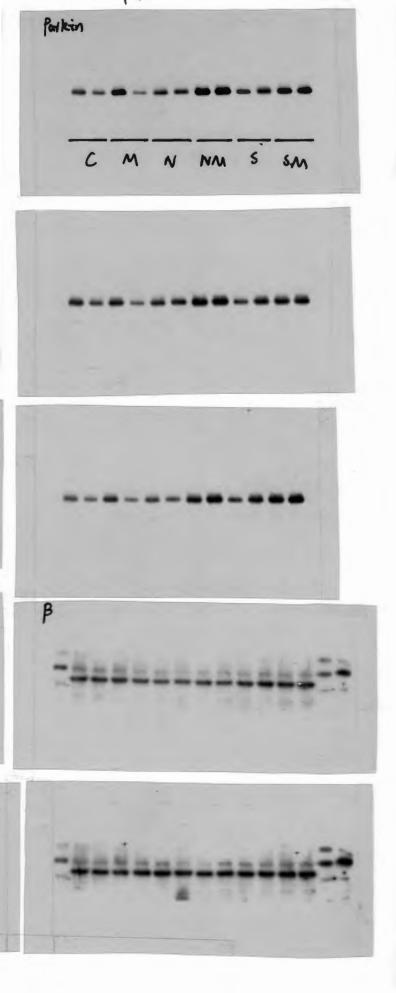


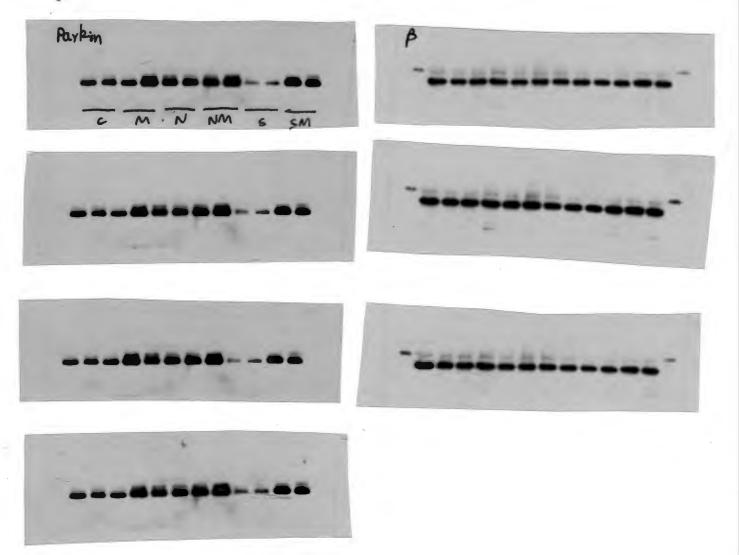


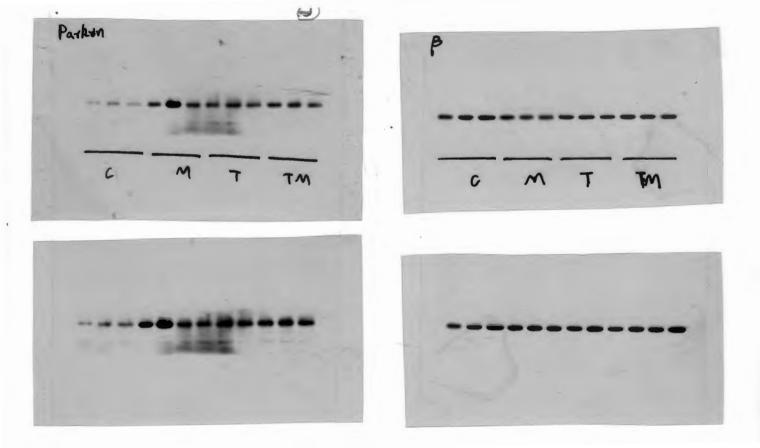


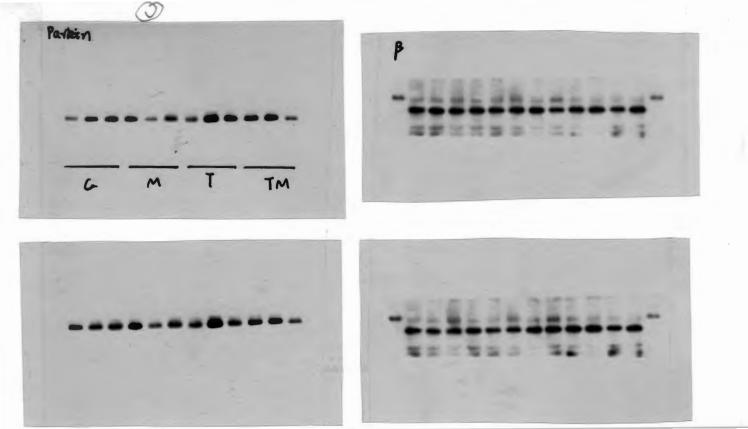
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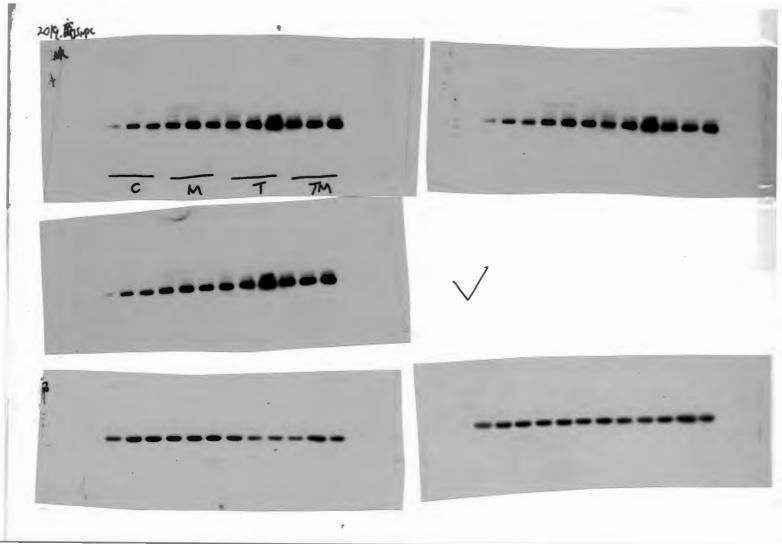


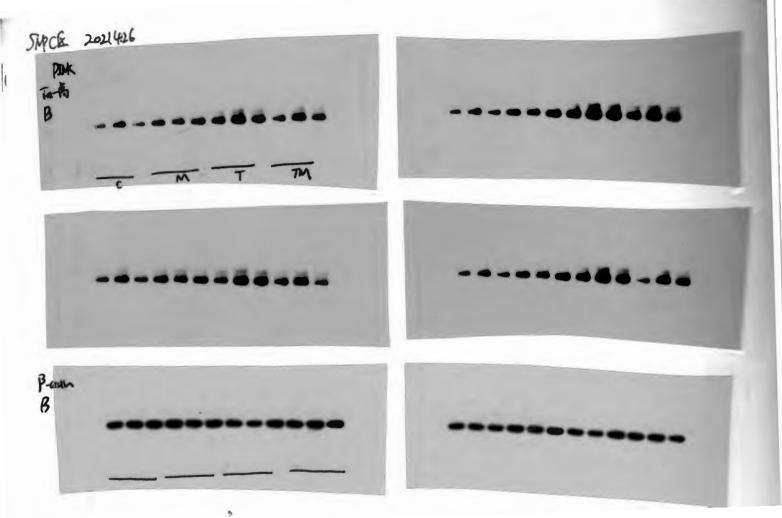


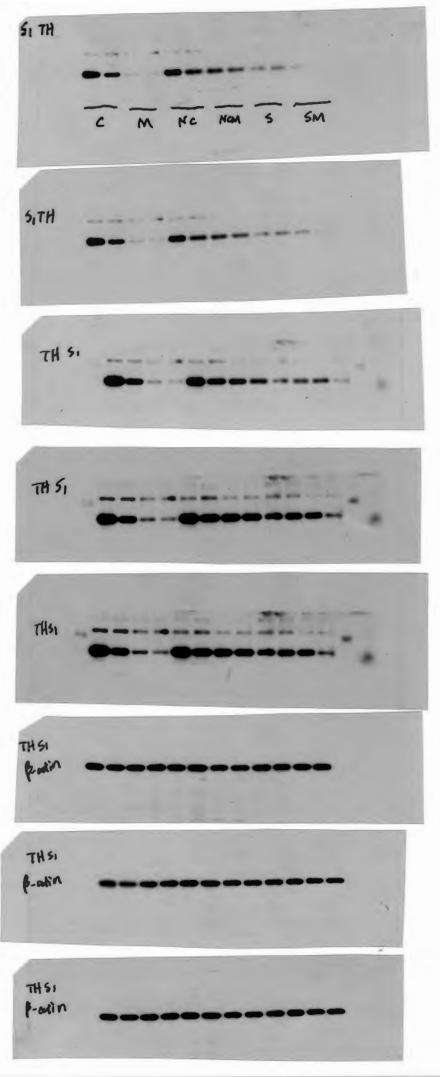


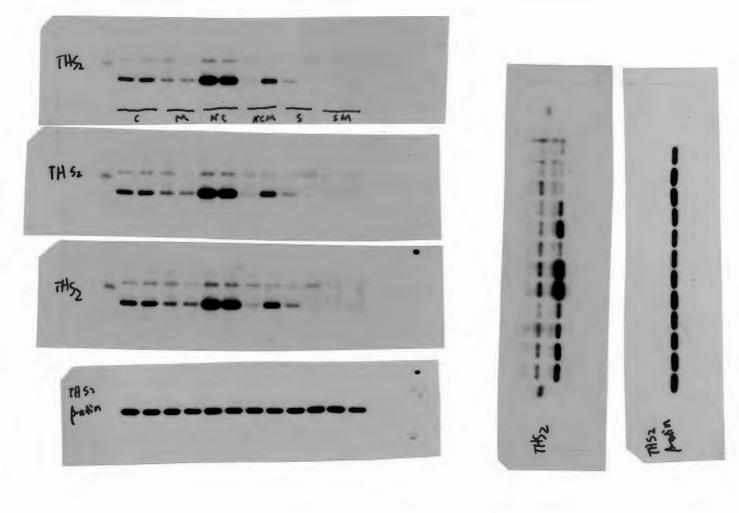
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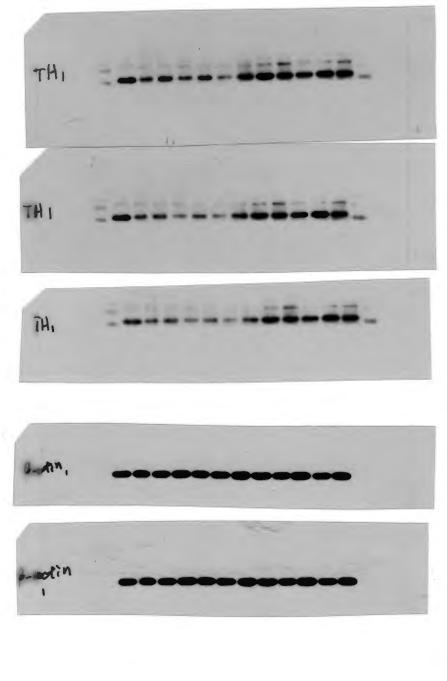
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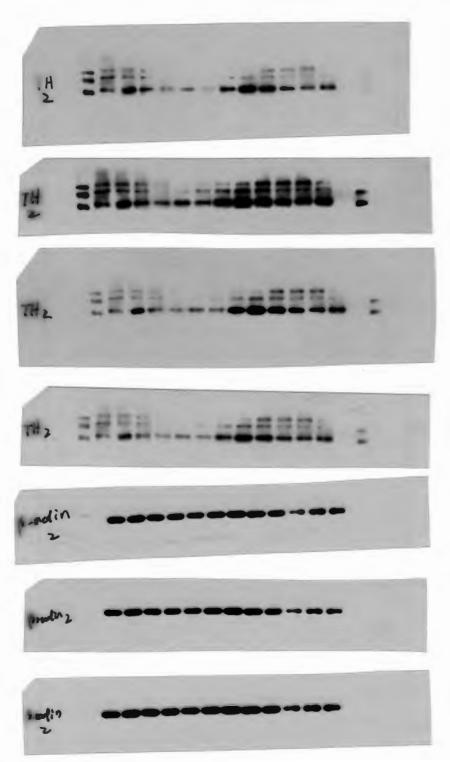




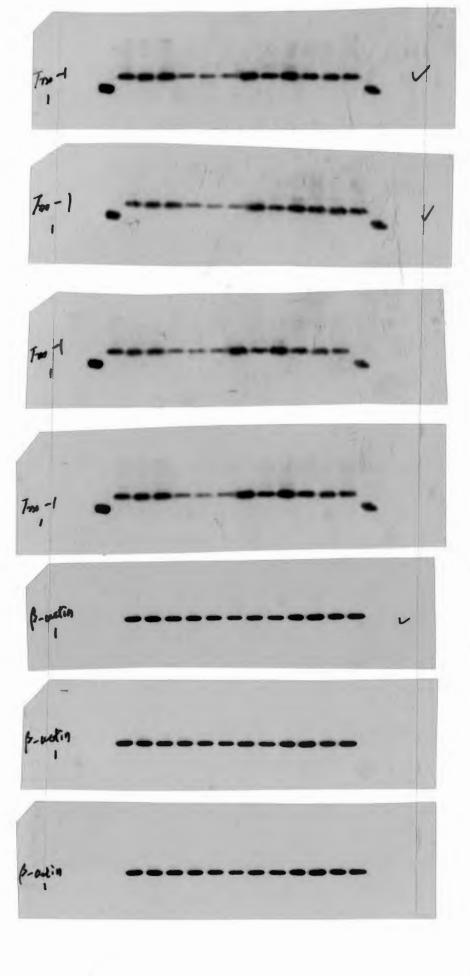


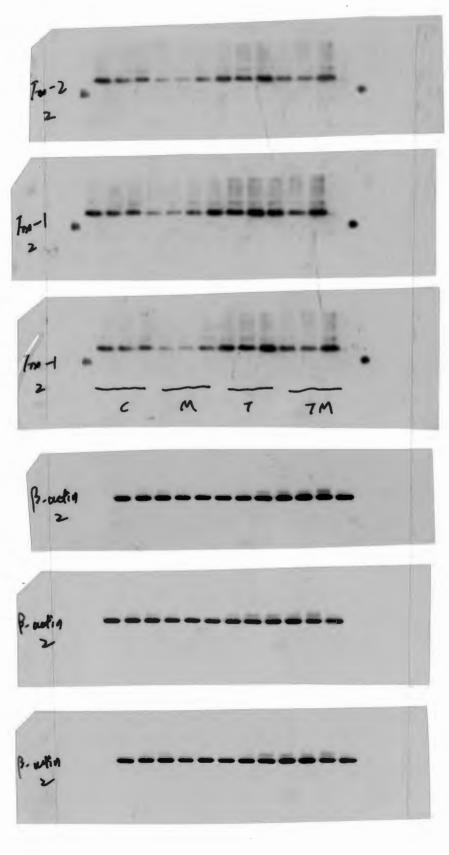


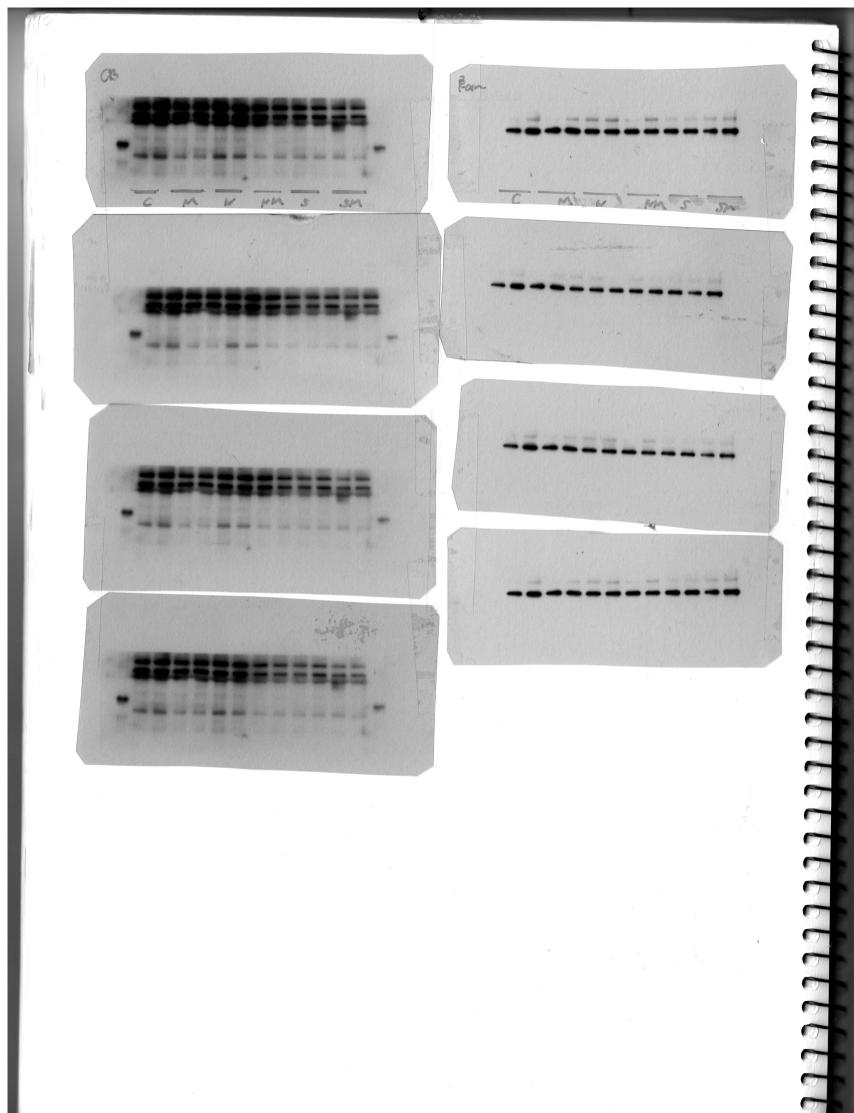


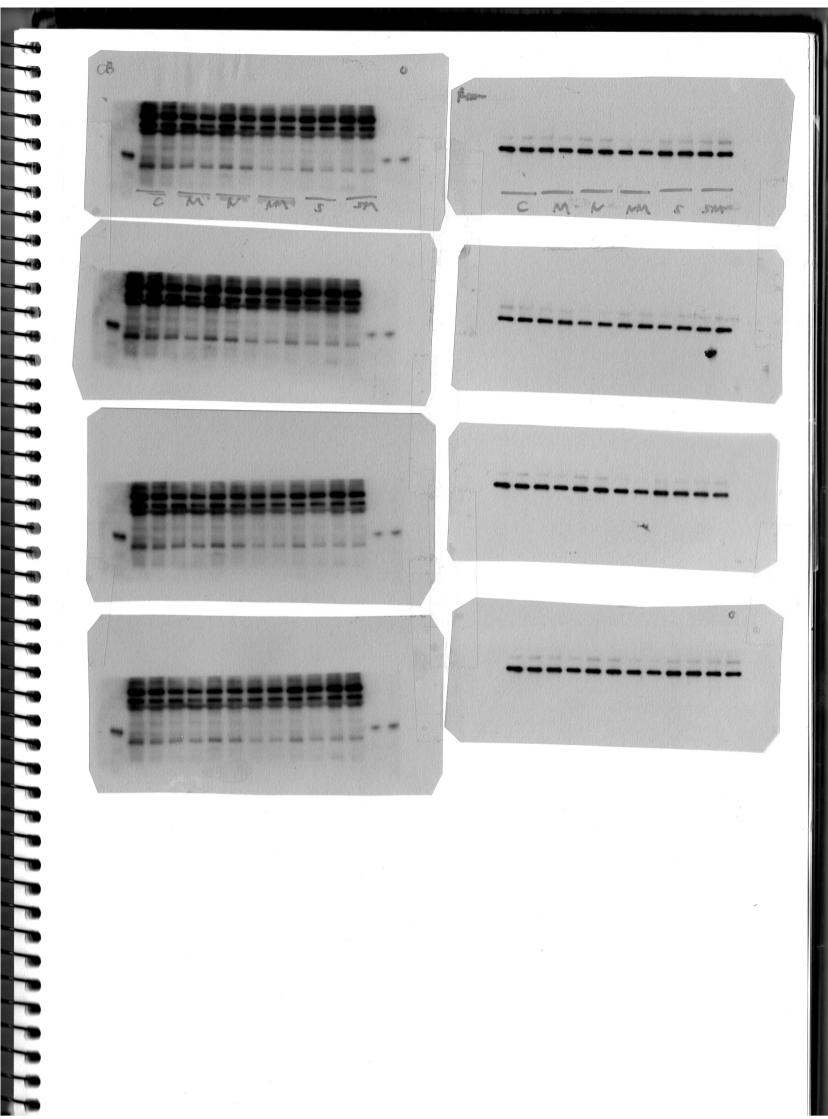


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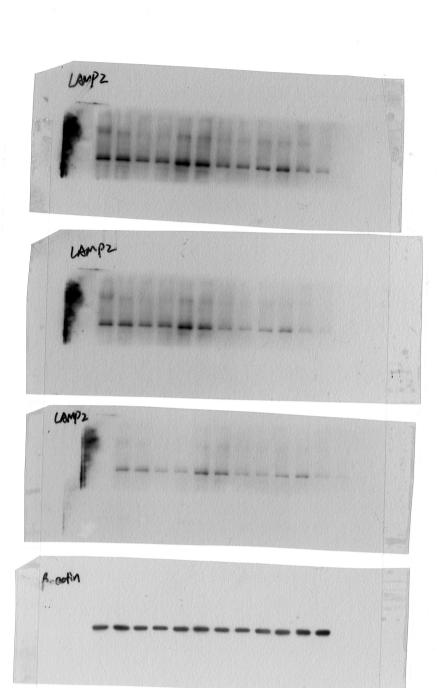




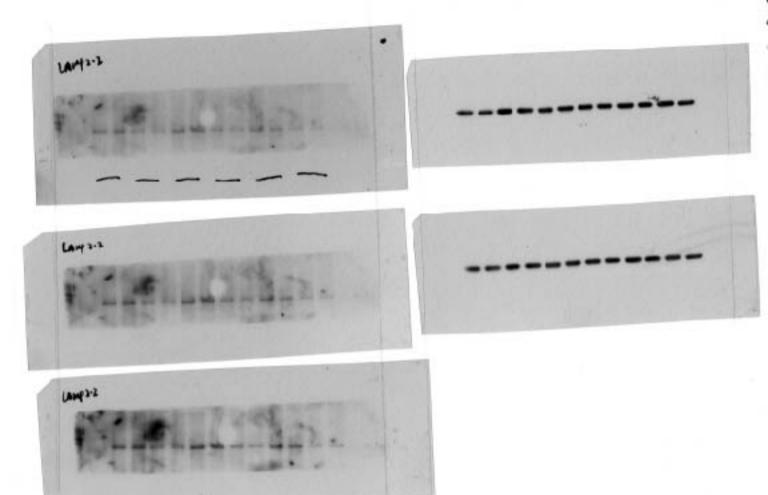


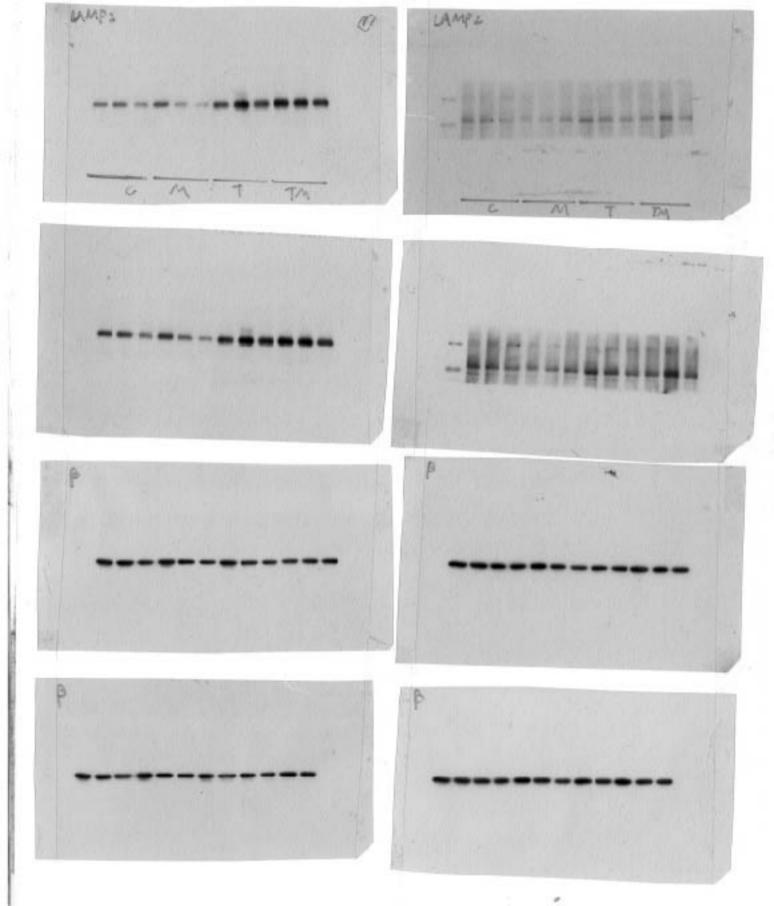


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B-actin





2021.10.19. Trx 低表达模型 SMPC

