SUPPLEMENTAL MATERIALS

Genetic Deletion of Krüppel-Like Factor 11 Aggravates Ischemic Brain Injury

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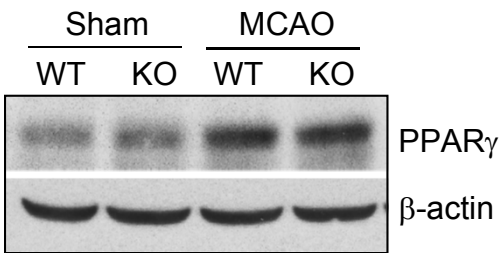
SUPPLEMENTAL FIGURE LEGENDS

Supplementary Table 1: The specific primers for real time PCR

Supplementary Figure 1: Expression of PPARγ protein level in brains of KLF11 KO mice after focal cerebral ischemia. Western blotting data show PPARγ protein level in lysates from cerebral cortex of KLF11 KO and WT mice after 1h MCAO followed by 24h reperfusion. Compared to KLF11 WT controls, there are no significant changes of PPARγ protein levels in brains of KLF11 KO mice at sham or ischemic condition. Representative data are shown from three separate experiments.

Supplemental Table 1:   PCR primers

Gene	Forward Primer	Reverse Primer
KLF1	5'-CGGGAAGAGCTACACCAAGA-3'	5'-GAAGGGACGATGTCCAGTGT-3'
KLF2	5'-ACCAAGAGCTCGCACCTAAA-3'	5'-GTGGCACTGAAAGGGTCTGT-3'
KLF3	5'-CCCCCTTTAATGAACCCAGT-3'	5'-GGTGCATTTGTACGGCTTTT-3'
KLF4	5'-CTGAACAGCAGGGACTGTCA-3'	5'-GTGTGGGTGGCTGTTCTTTT-3'
KLF5	5'-ACGTACACCATGCCAAGTCA-3'	5'-GTGGGAGAGTTGGCGAATTA-3'
KLF6	5'-TCCACACCTCCATCTTCTCC-3'	5'-TGCTTTCAAGTGGGAGCTTT-3'
KLF7	5'-TTGCTCTCTCGGGACAAGTT-3'	5'-GAGCTGAGGGAAGCCTTCTT-3'
KLF8	5'-CTATCCTGGCCTCGTCTCAG-3'	5'-CCTCCAATGAGTGGGACAGT-3'
KLF9	5'-ACAGTGGCTGTGGGAAAGTC-3'	5'-AACTGCTTTTCCCCAGTGTG-3'
KLF10	5'-AGCAAGGGTCACTCCTCAGA-3'	5'-ACATGGGACAGGCAAACTTC-3'
KLF11	5'-GGGGAGAAGCCTTTTACCTG-3'	5'-AGCCTGGGATCTTCTTGGTT-3'
KLF12	5'-TCCCTGTGGTGGTACAGTCA-3'	5'-AAGGTCACATTTGGCAGGTC-3'
KLF13	5'-GGAAATCTTCGCACCTCAAG-3'	5'-GGCAGCTGAACTTCTTCTCG-3'
KLF14	5'-CCTCAAGTCACACCAGCGTA-3'	5'-CGACCTCGGTACTCGATCAT-3'
KLF15	5'-GAAGCAGGAGGCAGGTACAG-3'	5'-CACAAACTTTGAGGGCAGGT-3'
KLF16	5'-TGGCTGTGACAAGAAGTTCG-3'	5'-CTAGGTGTGGGGCTTCCAG-3'
KLF17	5'-GGAGACAGTCCCCAGTTTCA-3'	5'-TCGCATTTATGTGGTCGGTA-3'
IL-6	5'-AGTTGCCTTCTTGGGACTGA-3'	5'-TCCACGATTTCCCAGAGAAC-3'
TNF-α	5'-CTCCTCACCCACACCGTCAGC-3'	5'-AACACCCATTCCCTTCACAGAGCA-3'
ICAM-1	5'-TTCACACTGAATGCCAGCTC-3'	5'-GTCTGCTGAGACCCCTCTTG-3'
MCP-1	5'-GCACCAGCACCAGCCAACTCTCACT-3'	5'-CATTCCTTCTTGGGGTCAGCACAG-3'
CYCLOPHILIN	5'-ACTCCTCATTTAGATGGGCATCA-3'	5'-GAGTATCCGTACCTCCGCAAA-3'

Supplemental Table 1

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Supplemental Figure 1

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