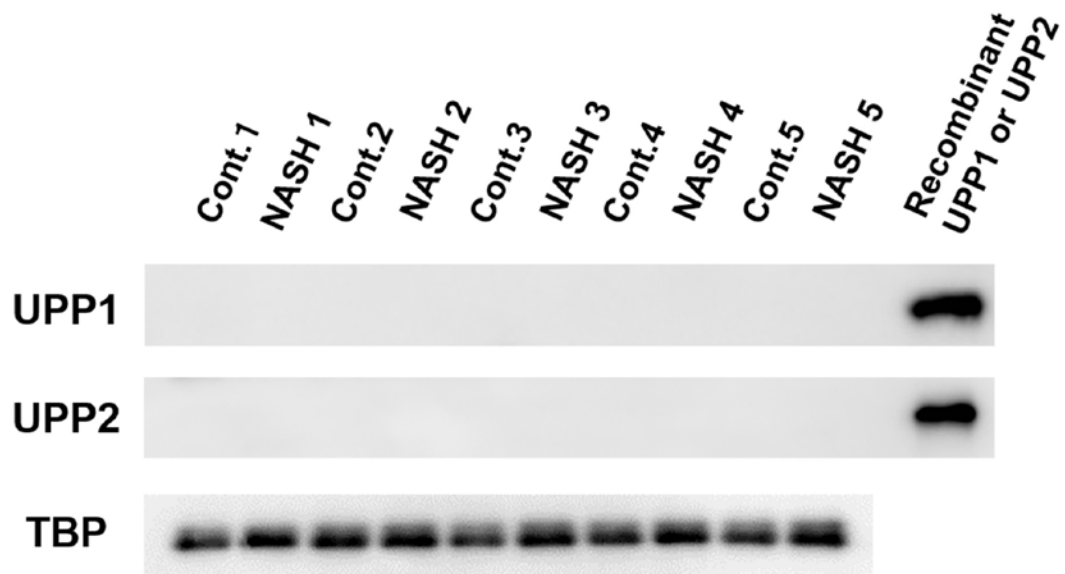




# HOKKAIDO UNIVERSITY

|                  |                                                                                                                                                                                                          |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title            | Preclinical investigation of potential use of thymidine phosphorylase-targeting tracer for diagnosis of nonalcoholic steatohepatitis                                                                     |
| Author(s)        | Higashikawa, Kei; Horiguchi, Sawako; Tarisawa, Makoto et al.                                                                                                                                             |
| Citation         | Nuclear medicine and biology, 82-83, 25-32<br><a href="https://doi.org/10.1016/j.nucmedbio.2019.12.006">https://doi.org/10.1016/j.nucmedbio.2019.12.006</a>                                              |
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**Figure S1: UPP expression analyses in liver tissues from NASH and control mice.**

The hepatic protein expressions of UPP1 and UPP2 were examined in the livers of NASH (n = 5) and control (n = 5) mice by western blot analysis. Recombinant UPP1 (1 ng) and UPP2 (10 ng) are positive controls. TBP was used as a loading control.

**Table S1**

List of primer sequences for Real-time RT-PCR

| Gene          | Primer  | Sequence (5' to 3')     |
|---------------|---------|-------------------------|
| TNF- $\alpha$ | Forward | cccaaagggatgagaagt      |
|               | Reverse | cacttggtgggttgctacga    |
| IL-1 $\beta$  | Forward | ggtgtgtgacgttccattag    |
|               | Reverse | tcgttgcttggttctccttg    |
| CD68          | Forward | acctgacctgctctcttaagg   |
|               | Reverse | tgatgcagaaggcgatgag     |
| COL1A1        | Forward | ttcacctacagcacccttgagg  |
|               | Reverse | tggagggagtttacacgaagcag |
| COL1A2        | Forward | attgcgtacctggatgaggag   |
|               | Reverse | caggcgagatggcttatttg    |
| $\alpha$ -SMA | Forward | ggatgcagaaggagatcacag   |
|               | Reverse | tagacagcgaagccaggatg    |
| TBP           | Forward | tgaccaccagcagttcag      |
|               | Reverse | caggagaacatggcagacaac   |