**Supplementary Table SII** Exon-intron boundaries of the rat *NMS* gene

| Exon number | Exon size | Sequence at exon/intron junction | | Intron size |
|---|---|---|---|---|
| | | 5'-splice donor | 3'-splice acceptor | |
| 1 | N.D. | CCTCCTCAGgtaaggg<br>roSerSerG | gtgatagGAGCTTCTC<br>lyAlaSerP | 2058 bp |
| 2 | 56 bp | GACCCAGAGgtatgct<br>AspProGlu | ctttcagCGACTGGCA<br>ArgLeuAla | 305 bp |
| 3 | 51 bp | CAACCTAAGgtaatat<br>GlnProLys | cttccagGAAAGCCGG<br>GluSerArg | 2169 bp |
| 4 | 24 bp | TACAAAAGGgtgagga<br>TyrLysArg | cgttcagTTTTTATTT<br>PheLeuPhe | 90 bp |
| 5 | 54 bp | AACTCCGAGgtctgtg<br>AsnSerGlu | gttgcagTTTGCTCCC<br>PheAlaPro | 1788 bp |
| 6 | 84 bp | CTGCACACAgtaggtg<br>LeuHisThr | ttcccagGATTCCAGG<br>AspSerArg | 932 bp |
| 7 | 36 bp | CCTAAGAAGgtatgtg<br>ProLysLys | gttacagGATCCTACC<br>AspProThr | 626 bp |
| 8 | 42 bp | CTTTTCAGGgtatagc<br>LeuPheArg | N.D. CCTAGGAAT<br>ProArgAsn | >0.5 kb |
| 9 | 44 bp | GACGGCAAG N.D. | N.D. AATCCTATG | >0.5 kb |
| 10 | N.D. | N.D. | | |

The exon and intron sequences are shown in uppercase and lowercase letters, respectively. The genomic sequence of the *NMS* gene was identified in one gnomic contig of rat chromosome 9 (RefSeq accession number NW_047814). N.D., not determined.