

Supplementary Information

Table S1. The Primers used for semi-quantitative RT-PCR analysis.

Gene	Forward Primer (5'→3')	Reverse Primer (5'→3')	Product size	Cycle numbers	Exon numbers
<i>OsNox1</i>	AAGGGAATAACGGACGAAA	CCTCTGAACCACTCAAACG	296 bp	29	1
<i>OsNox2</i>	CACAACCTACCTAACAAGCGTC	TCCTCACCTTGCTATCTCC	411 bp	34	3
<i>OsNox3</i>	CTTTTGCTTATTGGTCTTGG	TTGTTTCGTGAGTGTAGGG	477 bp	35	5
<i>OsNox4</i>	CAAGCGAGGTGTTTGTGGCA	GGCTGTCACCATAACCACGGA	283 bp	34	4
<i>OsNox5</i>	TTACTGCTGGTTGGATTAGGA	CATAGTAATGAGTGCTGACCGA	366 bp	35	3
<i>OsNox6</i>	TCACCAAGTGGCACCAGAGG	GAACGCTTGGCAGCAAATAG	360 bp	32	3
<i>OsNox7</i>	GTCAAATGCTTATGCTGTCA	TGTCCAGTCTCCGTTTGTT	223 bp	38	3
<i>OsNox8</i>	CCCAGCAACCTCGGCTACAT	ACGCAGACGCAGTAGCCCAT	314 bp	38	1
<i>OsNox9</i>	CCGTAAGGATTGAGAAGGT	GGGTCGTCGTAGATGTGGT	340 bp	45	3
<i>OsFRO1</i>	ATTGTGACAGGCATAGAAGTCG	GACTGGAAAGAACAGGAACG	333 bp	38	1
<i>OsFRO7</i>	GCCTGCTAATGTGGGTGAC	GGAGACTTGCTGGCTTTGA	273 bp	36	1
<i>OsActin1</i>	CAGCACATTCCAGCAGATGT	TAGGCCGGTTGAAAACCTTG	198 bp	24	2

Table S2. Primers used for real-time qRT-PCR analysis.

Gene	Forward Primer (5'→3')	Reverse Primer (5'→3')	Exon numbers
<i>OsNox1</i>	GGCTTCAATGCCTTCTGGT	ATGGCTCCTAAACAACCGA	2
<i>OsNox2</i>	ATCCGCAAAATAAGCACCTCT	CAGTAGCCCATCACATCAAAGAC	1
<i>OsNox3</i>	TCAAGGCAGCGATTTACCC	CTCGCAAGCCTTCCCCAAA	2
<i>OsNox4</i>	CACAAGGTTATCGCACTGACG	AGCGATGAGTATGTTGGTTGA	1
<i>OsNox5</i>	CCAGTGGGTGGGAAAAGTG	GTCCGATTGGCGGGTAAA	3
<i>OsNox6</i>	CCTTTCTCCATCACTTCAGCA	GGGCCATCTACAAGCAACC	2
<i>OsNox7</i>	GTCAAATGCTTATGCTGTCA	TGTCCAGTCTCCGTTTGTT	3
<i>OsNox8</i>	ACCTTACCTGCGATTTTCCA	ACGAAGCAGTGGTGGGAGT	1
<i>OsNox9</i>	TACTTCGGGCAGACACGGAT	GCGGGTTGCTGTCACTAAG3	1
<i>OsFRO1</i>	TCCTGTTCTTTCCAGTCGC	GTTCTTGTCATTTCAGCATCT	1
<i>OsFRO7</i>	CTGGCATTTCACGTTGGC	CGGAGACTTGCTGGCTTTG	1
<i>OsActin1</i>	GTGGTCGCCCCCTCCTGAAAG	GGCTTAGCATTCTTGGGTCCG	2

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