**Supplementary Figure S4.**

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GCCGATGAGATGATCGCGGCTTGTCGCTCTACAACCGGAAAGGACCCCTGCGACTCCGCC

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>NvitOBP02 (EMBL: HE578187)

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>NvitOBP03 (EMBL: HE578188)

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>NvitOBP68(EMBL: HE578253)

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AACAGTTTCAATGTCAACGATCTTCTGAAACAAAGAAAGTCTGGCATTCCCGAGTCTAAA

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AAAGCAGTTAAATGTTTGATGGGCTTGTTACGCAACATGTGGCTTATG

>NvitOBP69(EMBL: HE578254)

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TTGAGTCCATACGAGCTTGGATTCATCTACAGAGCCATTCGTCCAGCCAAAAAGTTGGCG

CAGGCTTCGAGATGCGTCATCCAGAAAATTAGCGAACTACAAAGCGAAAATGAGACAGTA

AAACACATCGCTGACCGCGGGAAGGCTGCCCTCGCGAACGCTCCTATTTCAAATATCGCG

GACAACGTCCTAGGCTCCTGTCAGAATTTGCTTGGACAAAATGGCTGCATACAGGTGTTG

GAACTCGCAGCCAAGATCATCGACAACCTCCGAAGCCGACGGCAA

>NvitOBP70(EMBL: HE578255)

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AAGTTGAAATTATTT

>NvitOBP71(EMBL: HE578256)

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AAGACGACTGGAGAAGTTAGTAATGATGAAAAAGTAAATTGTTTTTCGGCTTGCATGTTC

AAGAAAATTGGATTCATGTCCGAGGAAGGTAAATTTGAAGAAGATACAGTTCGTGCTTTG

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>NvitOBP72(EMBL: HE578257)

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>NvitOBP73(EMBL: HE578258)

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TATCGT

>NvitOBP74(EMBL: HE578259)

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ACCATTTTTAAGATTGTCGGATGCTCAATCAAAAACCTTAAGAGATATCGT

>NvitOBP75(EMBL: HE578260)

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AGTCCCACGATAGGCCAGATCTTCTGTCTGTGGGCCTGTCTCTATCGCAAGAATGGATCC

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GGCCCGCTGGACGTGATAATAAGCAAGTGCGAGAATCAAGCTGGGGAAAATACTTGCAAG

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>NvitOBP77(EMBL: HE578262)

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AATGGATCTATGAAACACGGAATCATTGATGCGAGGGGAATCAAAAGAAGAATGAGAACA

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TCTTGCCTTAATGCATGTGCGATGACCAAAGAGGAGATAATGGACGAAGCCGGAAATATT

GATGCAGACAAGCTTATTAAAGCAACCTTAGAAATAGTCCAGAAGAAAAAACCCGATATA

AATGTTGAGGAATTAGAAACTGCCATGCTCTCTTGCATTGAAAAAGCCAAAGAAGTTGAA

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TTGTATTTCAAATCTAAC

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TACACTGGTGTAGGAATGATGAAGGATGGAAAAATAGTACCAGAAAAATACATCGAAAGA

CTGCAAGATTCTTTAAAAAATGAGAAGAAGTCGGACGTGGAAGCATTTATGAAACATATG

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>NvitOBP82(EMBL: HE578267)

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TGCTTTGATCAAGCCAGCGGTGATAGATGCGAATCGGCCGGCAAATTCGCTATGTGCATG

CAGGAGCACATGCAAGGT

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TACGTCGAAACAATGAAAGAAATCTGTACCAATTGTTACGAGATGTCGCTGAAAGTTGAT

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TACTTCTTCCCA

>NvitOBP84(EMBL: HE578269)

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ATTCCCGAGCTTGCGCCGACTCTTAAAAAGATCGGAACCGACTGTTACAATAAAGTCGCA

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ACGATGGAGAAGGAGAAATTCATGAGCGACGATAAGATAAACGTAGACGCGATAATAGCG

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TGCATACACGAGGAGTTGCGAAAGGAAGGCTGGATA

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GTTGCTTGCGTGATTAATGCGATCAAAAAGCCCGAGGAAACTGTTTATGGAAAGCTGAGC

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>NvitOBP87(EMBL: HE578272)

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GATAACGATAGACCGTTCAAACAGAGAGATCCAGACTATGAATGCCTTCGTGCTTGTTTA

TGGAGGAAGCAAGGAATAATGAAAAACGGAAAATTCGATCTCGATAAGGCATTCAACTAT

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AACGGTAGTCCGAAAGCACGGAAG

>NvitOBP88(EMBL: HE578273)

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GTAATCAACGATGGCAAAGTGGTTTTTGACGTGGCATTTGATATAACCAAAGGAGAAGCC

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>NvitOBP89(EMBL: HE578274)

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TTGGACTGCCTTGCCGACGGATTAATAATGGCAAAGAAACAAGTTGTTAATATAAAA

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GCCAGTGATCCCTGCGAACTCGCCTGGCTCTTCACCAAGTGCATCTACGCTGCTGATCCA

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