

Figure S4. The full length sequence of transcripts *GN2.1* and *GN2.2*

GN2.1

CCCCCTTGCCCTGCCTGTGCCAGCGGCTGCCTTAGTAGCCTATGACGAG
TAGGACTACCCAACAAAAATTCCTGGCTACGCCACTGCATAAGCATGAAT
GGAGAAGAACGGCCAACGATGAAAGAGGTTGCTGAGAGGCTGGAGATG
TTAAGGAGATACCAGCAGCACCCATGGGTTGAAGCTGAAGACAATGCAG
AGGAGATTGAGAGCTTGCTCGGCAGGGAACAACAGAATGCAAATTACCA
ACTCGAGCAACAAAATGTCTTGTATTTGGAAGAAGGCCGTAAC TATACATT
TAGCATGTAGATCACGCTGTTTTGAATTATGTTTTGTAAATCAATCAACACA
GATATGACTTCTTTTTCTATGTAACATGAAAAGCAAATTTATGGCCATTGC
AGAAAGGACAAAGAGTTTGGAAATGAAATCTTAACATGTAAATCTTTATTG
GACAATTAATATAGCTCCCATGCATAATAAATTGCAATGAAAGAA

GN2.2

CCCCCTTGCCCTGCCTGTGCCAGCGGCTGCCTTAGTAGCCTATGACGAG
GACTACCCAACAAAAATTCCTGGCTACGCCACTGCATAAGCATGAATGG
AGAAGAACGGCCAACGATGAAAGAGGTTGCTGAGAGGCTGGAGATGTTA
AGGAGATACCAGCAGCACCCATGGGTTGAAGCTGAAGACAATGCAGAGG
AGATTGAGAGCTTGCTCGGCAGGGAACAACAGAATGCAAATTACCAACTC
GAGCAACAAAATGTCTTGTATTTGGAAGAAGGCCGTAAC TATACATTTAGC
ATGTAGATCACGCTGTTTTGAATTATGTTTTGTAAATCAATCAACACAGATA
TGACTTCTTTTTCTATGTAACATGAAAAGCAAATTTATGGCCATTGCAGAA
AGGACAAAGAGTTTGGAAATGAAATCTTAACATGTAAATCTTTATTGGACA
ATTAATATAGCTCCCATGCATAATAAATTGCAATGAAAGAA