

logo

```
NTDB id 32 MW RS07995 WP 000472256.1
NTDB id 16 SA RS07765 WP 000472256.1
NTDB id 1028034 AB4922 RS11210 WP 008342186.1
NTDB id 98 BSU 24710 NP 390351.1
consensus
```

MFKFLKKTQGAFTLIEMLVLLIISLLLTIPNIAKQTAHIQSTGCNAQVKMVNSQIEAYALKHNRNPSSIEDLIADGFI
 MFKFLKKTQGAFTLIEMLVLLIISLLLTIPNIAKQTAHIQSTGCNAQVKMVNSQIEAYALKHNRNPSSIEDLIADGFI
MNDKGFTLLEMLIVMLVISILLITIPNITRHHQSIQAKGCEGLKSMVSTQVMAYELEHDKGTPSLAELEKEGYV
MNEKGFTLVEMLIVLFIISILLITIPNVTKHNQTIQKKGCEGLQNMVKAQMTAFELDHGEGQTPSLADLQSEGV

80
80
75
75

logo

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Sequence logo for the 1000bp upstream region of the *hsp70* gene. The logo shows the conservation of nucleotides across 1000 sequences. The x-axis represents the position relative to the transcription start site (TSS), with positions -1000 to -101. The y-axis represents the information content in bits. The logo is color-coded by nucleotide: A (green), C (blue), G (red), and T (yellow). The sequence logo is shown for the 1000bp upstream region of the *hsp70* gene. The sequence logo is shown for the 1000bp upstream region of the *hsp70* gene. The sequence logo is shown for the 1000bp upstream region of the *hsp70* gene.

-  non conserved
-  similar
-  $\geq 50\%$ conserved