

Accepted Manuscript

Title: Overexpression of Neuronal RNA-binding protein HuD increases reward induced reinstatement of an instrumental response

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PII: S0304-3940(18)30441-5
DOI: <https://doi.org/10.1016/j.neulet.2018.06.038>
Reference: NSL 33669

To appear in: *Neuroscience Letters*

Received date: 21-5-2018
Revised date: 20-6-2018
Accepted date: 21-6-2018

Please cite this article as: Oliver RJ, Kenton JA, Stevens W, Perrone-Bizzozero NI, Brigman JL, Overexpression of Neuronal RNA-binding protein HuD increases reward induced reinstatement of an instrumental response, *Neuroscience Letters* (2018), <https://doi.org/10.1016/j.neulet.2018.06.038>

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Running title: HuD regulates reward induced reinstatement

Overexpression of Neuronal RNA-binding protein HuD increases reward induced
reinstatement of an instrumental response

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Highlights

- The neuronal enriched RNA binding protein, HuD is associated with synaptic plasticity and behavior
- Previous studies have found that Nucleus Accumbens HuD regulates the acquisition of a drug reinforced behaviors
- Forebrain HuD overexpression increased the reinstatement of food-based instrumental response without altering acquisition of reinstatement of this response
- HuD may play different roles in drug or food reinforced appetitive behaviors in specific epochs of learning

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