

*References for Goldilocks and the Three Water Bears [https://youtu.be/1Q\\_V7jf2ldY](https://youtu.be/1Q_V7jf2ldY) are listed as a timeline based on when a publication was made publically available.*

### **November 23, 2015**

---

Boothby, T. C., Tenlen, J. R., Smith, F. W., Wang, J. R., Patanella, K. A., Nishimura, E. O., ... & Messina, D. N. (2015). Evidence for extensive horizontal gene transfer from the draft genome of a tardigrade. *Proceedings of the National Academy of Sciences*, 112(52), 15976-15981.  
<http://www.pnas.org/content/112/52/15976.short>  
<http://www.ncbi.nlm.nih.gov/pubmed/26598659>

Print publication date: December 29, 2015

### **November 23, 2015**

---

Yong, E. (2015, November 23). Inside the bizarre genome of the world's toughest animal. *Atlantic Monthly*. Retrieved from <http://www.theatlantic.com/science/archive/2015/11/tardigrades-worlds-toughest-animals-borrowed-a-sixth-of-their-dna-from-microbes/417243/>

### **December 1, 2015**

---

Koutsovoulos, G., Kumar, S., Laetsch, D. R., Stevens, L., Daub, J., Conlon, C., ... & Blaxter, M. (2016). The genome of the tardigrade Hypsibius dujardini *bioRxiv*. doi: <http://dx.doi.org/10.1101/033464>  
<http://biorexiv.org/content/early/2015/12/01/033464>

### **December 4, 2015**

---

Young, E. (2015, December 4). Rival Scientists Cast Doubt Upon Recent Discovery About Invincible Animals. *Atlantic Monthly*. Retrieved from <http://www.theatlantic.com/science/archive/2015/12/rival-scientists-kill-recent-discovery-about-invincible-animals/418755/>

### **December 5, 2015**

---

Dunning Hotopp, J. (2015, December 5). Quick Look at the Two Manuscripts on Tardigrade LGT." [Web log post]. Retrieved from <http://www.igs.umaryland.edu/labs/hotopp/2015/12/05/quick-look-at-the-two-manuscripts-on-tardigrade-lgt/>

### **December 7, 2015**

---

Feltman, R. (2015, December 7). When labs clash over tardigrade DNA, that's just science working as it should. *The Washington Post*. Retrieved from <https://www.washingtonpost.com/news/speaking-of-science/wp/2015/12/07/when-labs-clash-over-tardigrade-dna-thats-just-science-working-as-it-should/>

### **February 2, 2016**

---

Delmont, T.O., & Eren, A.M. (2016) Identifying contamination with advanced visualization and analysis practices: metagenomic approaches for eukaryotic genome assemblies. *PeerJ Preprints*. Retrieved from <https://peerj.com/preprints/1695/>

Peer-reviewed publication date March 29, 2016

<https://peerj.com/articles/1839/>

---

**March 24, 2016**

Koutsovoulos, G., Kumar, S., Laetsch, D. R., Stevens, L., Daub, J., Conlon, C., ... & Blaxter, M. (2016). No evidence for extensive horizontal gene transfer in the genome of the tardigrade *Hypsibius dujardini*. *Proceedings of the National Academy of Sciences*, 113(18), 5053-5058.

<http://www.pnas.org/content/113/18/5053.abstract>

<http://www.ncbi.nlm.nih.gov/pubmed/27035985>

Print publication date: May 3, 2016

---

**April 15, 2016**

Richards, T. A., & Monier, A. (2016). A tale of two tardigrades. *Proceedings of the National Academy of Sciences*, 113(18), 4892-4894.

<http://www.pnas.org/content/113/18/4892>

Print publication date: May 3, 2016

---

**May 12, 2016**

Arakawa, K. (2016). No evidence for extensive horizontal gene transfer from the draft genome of a tardigrade. *Proceedings of the National Academy of Sciences*, 113(22), E3057-E3057.

<http://www.pnas.org/content/113/22/E3057.extract.html?etoc&trendmd-shared=0>

Print publication date May 31, 2016

---

**May 12, 2016**

Bemm, F., Weiß, C. L., Schultz, J., & Förster, F. (2016). Genome of a tardigrade: Horizontal gene transfer or bacterial contamination?. *Proceedings of the National Academy of Sciences*, 113(22), E3054-E3056.

<http://www.pnas.org/content/113/22/E3054.short>

<http://www.ncbi.nlm.nih.gov/pubmed/27173902>

Print publication date: May 31, 2016

---

**May 12, 2016**

Boothby, T. C., & Goldstein, B. (2016). Reply to Bemm et al. and Arakawa: Identifying foreign genes in independent *Hypsibius dujardini* genome assemblies. *Proceedings of the National Academy of Sciences*, 113(22), E3058-E3061.

<http://www.pnas.org/content/113/22/E3058.short>

<http://www.ncbi.nlm.nih.gov/pubmed/27173900>

Print publication date: May 31, 2016

---

**May 13, 2016**

Arakawa, K., Yoshida, Y., & Tomita, M. (2015). Genome sequencing of a single tardigrade *Hypsibius dujardini* individual. *bioRxiv*. doi: <http://dx.doi.org/10.1101/053223>

<http://biorxiv.org/content/early/2016/05/13/053223>

## **For further reading on open access and peer reviewed journal articles**

Callaway, E., & Powell, K. (2016). Biologists urged to hug a preprint. *Nature*, 530, 265.  
<http://www.nature.com/news/biologists-urged-to-hug-a-preprint-1.19384>

Eveleth, R. (2014, December 22). Free access to science research doesn't benefit everyone. *Atlantic Monthly*. Retried from <http://www.theatlantic.com/technology/archive/2014/12/free-access-to-science-research-doesnt-benefit-everyone/383875/>

Vale, R. D. (2015). Accelerating scientific publication in biology. *Proceedings of the National Academy of Sciences*, 112(44), 13439-13446.

<http://www.pnas.org/content/112/44/13439.full>