CORRECTION

Correction: Enrichment and Broad Representation of Plant Biomass-Degrading Enzymes in the Specialized Hyphal Swellings of *Leucoagaricus gongylophorus*, the Fungal Symbiont of Leaf-Cutter Ants

Frank O. Aylward, Lily Khadempour, Daniel M. Tremmel, Bradon R. McDonald, Carrie D. Nicora, Si Wu, Ronald J. Moore, Daniel J. Orton, Matthew E. Monroe, Paul D. Piehowski, Samuel O. Purvine, Richard D. Smith, Mary S. Lipton, Kristin E. Burnum-Johnson, Cameron R. Currie

An earlier version of  $\underline{Fig 4}$  was published. Please view the correct  $\underline{Fig 4}$  here.

There is an error in the second sentence of the final paragraph of the Results and Discussion section. The correct sentence is: Although only 10 CAZymes, FOLymes, and proteases were enriched in all three gongylidia samples, 40 plant biomass-degrading enzymes were enriched in at least one sample and 123 of these enzymes were identified in total.



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		8 8 8 6 6 6 6 8 8 8 8
		المحمول المحمول العلمي المحمول العلمول العلمي العلمي
	LAG_2600 CE4 Carbohydrate esterase	
	LAG_1450 CE8 Carbohydrate esterase	
	LAG_4831 GH12 Glycoside hydrolase	
	LAG <sup>-</sup> 3679 GH15 Glýcoside hýdrolase LAG <sup>-</sup> 733 GH17 Glycoside hydrolase	
<b>CAZymes</b>	LAG 3258 GH2 Glycoside hydrolase	
ĕ	LAG_1551 GH27 Glycoside hydrolase	
Ξ	LAG_12790 GH3 Glycoside hydrolase	
N.	LAG 2062 GH3 Glycoside hydrolase	
	LAG 2564 GH3 Glycoside hydrolase	
3	LAG_2960 GH31 Glycoside hydrolase	
•	LAG_3272 GH43 Glycoside hydrolase	
	LAG_15251 GH51 Glycoside hydrolase	
	LAG 4277 GH53 Glýcoside hýdrolase	
	LAG_2627 Putative glucan 1,3-beta-glucosidase LAG_3369 PL4 Polysaccharide lyase	
	LAG_48016 Putative beta-glucosidase L	
	LAG_2798 Putative D-xylulose reductase A	
	LAG 3232 Probable mannan endo-mannosidase	
S	LAG_2404 LO1 Laccase	
0	LAG_2281 LDA Putative auxiliary oxidase	
3	LAG_3503 LDA1 Aryl-alcohol oxidase	
FOLymes	LAG_4156 LDA1 Aryl-alcohol oxidase	
	LAG_4802 LDA6 Glucose Oxidase	
Ö	LAG_2012 LDA7 1,4-benzoquinone reductase LAG_3638 LDA8 Alcohol oxidase	
	LAG_3036 LDA6 Alcohor Oxidase	
	LAG 1037 M01 Metalloprotease	
	LAG_100 M03A Metalloprotease	
5	LAG 1536 M24B Metalloprotease	
Š	LAG 21041 M35 Metalloprotease	
3	LAG_4981 M35 Metalloprotease	
Proteases	LAG_3512 Serine protease	
ð	LAG_5096 S08A Serine protease	
Ξ.	LAG_4473 S10 Serine protease	
α.	LAG_2527 S53 Serine protease LAG_195 T01A Threonine protease	
	LAG 2367 T01A Threonine protease	
	LAG_2775 T01A Threonine protease	
	LAG 835 T01A Threonine protease	
		Percent of spectra in sample Enriched (p < 0.005)
		0 Not Enriched

Fig 4. Heatmaps are presented that show the relative percent of total spectra that could be mapped to specific CAZymes, FOLymes, and proteases (left) and those enzymes that were found to be enriched in at least one gongylidia sample (right; Fisher's Exact Test, p < 0.005). Only enzymes identified as enriched in at least one gongylidia sample compared to all fungus garden samples combined are shown.

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## Reference

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