

Table S1. Soil nutrient conditions at the Paal and Zolder sites.

Site	Sample	Total N (Kjehdahl) mg / kg soil	NH4-N mg N / kg soil	NO3-N + NO2-N mg N / kg soil	Organic N mg org N / kg soil	Ratio Organic/mineral N
Paal	1	68	3.7	< 1	64	17
	2	188	3.7	< 1	184	50
	3	< 40	3.7	< 1	-	-
	4	172	4.7	< 1	167	36
	5	67	5.6	< 1	61	11
Zolder	1	2640	15.7	< 1	2614	166
	2	2942	19	< 1	2923	154
	3	1168	10.6	< 1	1157	109
	4	1495	11.8	< 1	1483	126
	5	1182	11.2	< 1	1171	105

Figure S1. Correlation between the protease activity and the percentage of remaining protein in the medium at the end of the experiment for the 55 *Suillus* strains. The correlation between these two variables has been tested using the Kendall's tau index. The result of the correlation test, the equation of the correlation model and the calculated correlation coefficient are inserted in the figure.

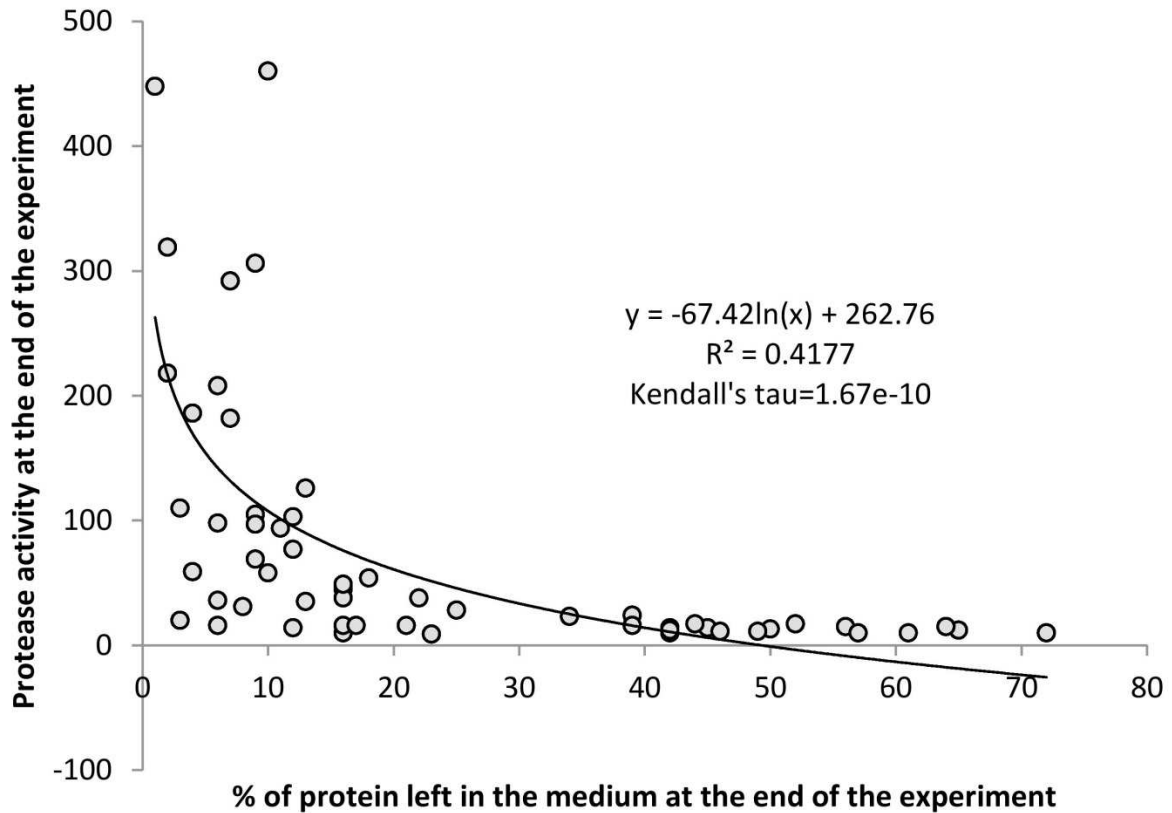


Figure S2. Log specific protease activity and log specific protein degradation of the 55 *Suillus* strains categorized by host genus. Different letters indicate significant differences among host genus means as determined by post-hoc Tukey HSD tests.

