

TABLE S 2: Results of a screening of different basidio- and ascomyceteous fungi for the production of feruloyl esterase (FAE) activity using an agar-plate assay as well as maximum FAE activities detected with methyl ferulate for these fungi in solid-state cultures during 25 days of incubation.

Fungal species	Strain	FAE activity (mU/g)		
		hydrolysis of ethyl ferulate in agar plate ^a	wheat straw	beech wood
Basidiomycetes				
<i>Agrocybe aegerita</i>	DSMZ22459	+	94	0
<i>Coprinellus radians</i>	DSMZ888	+	40	0
<i>Mycetinis alliaceus</i>	Zi06	-	54	40
<i>Pleurotus ostreatus</i>	K5	+	27	40
<i>Pycnoporus cinnabarinus</i>	ATCC200478	+	13	43
Ascomycetes				
<i>Daldinia concentrica</i>	A20	-	20	0
<i>Daldinia vernicosa</i>	A31	-	27	0
<i>Kretzschmaria deusta</i>	A29	+	657	60
<i>Morchella elata</i>	A30	-	0	40
<i>Xylaria hypoxylon</i>	A38	+	650	0
<i>Xylaria polymorpha</i>	A34	+	1,173	80
<i>Xylaria polymorpha</i>	A35	+	1,675	80
<i>Xylaria polymorpha</i>	A32	+	1,059	0

^a (+) a clearing halo was formed around the mycelium, (-): no halo formation; growth period: 3 to 7 days.

Activities are means of three replicates with standard deviations <5%.