

Supplementary table VI. . Representation of fungal species > 1% from four regions of four control brains.

C10 FC	C10 ERH	C10MD	C10SC
Originalpairedreads:178721 Joined sequences(%):98,5	Original paired reads:160135 Joined sequences(%):98,7	Original paired reads:207232 Joined sequences(%):98,3	Original paired reads:209528 Joined sequences(%):98,6
<i>Candida deformans</i> 23,1 <i>Uncultured Phoma</i> 13,80 <i>Botrytis cinerea</i> 12,10 <i>Uncultured fungus clone 038A45644</i> 7 <i>Uncultured fungus clone S24T_</i> 5,90 <i>Uncultured fungus clone MOTU_4160</i> 2,50 <i>Uncultured Basidiomycota</i> 2,32	<i>Uncultured Ascomycota</i> 36,36 <i>Rhizophydiales_sp</i> 12,36 <i>Botrytis cinerea</i> 6,6 <i>Candida deformans</i> 11 <i>Uncultured Phoma</i> 6,60 <i>Uncultured fungus clone 038A45644</i> 3,4 <i>Uncultured fungus clone S24T_</i> 2,90 <i>Uncultured fungus clone MOTU_4160</i> 1,20	<i>Candida deformans</i> 13,40 <i>Fusarium oxysporum</i> 10,09 <i>Uncultured Phoma</i> 8,00 <i>Botrytis cinerea</i> 7,00 <i>Uncultured fungus clone 038A45644</i> 4,1 <i>Uncultured fungus clone S24T_</i> 3,50 <i>Uncultured Basidiomycota</i> 2,77 <i>Candida cellae</i> 1,69 <i>Uncultured fungus clone MOTU_4160</i> 1,40	<i>Uncultured Basidiomycota</i> 22,80 <i>Acremonium_sp</i> 12,83 <i>Candida deformans</i> 10,00 <i>Davidiella tassiana</i> 8,36 <i>Phaeosphaeriaceae_sp</i> 8,25 <i>Uncultured Phoma</i> 6,00 <i>Botrytis cinerea</i> 5,30 <i>Uncultured fungus clone 038A45644</i> 3,1 <i>Uncultured fungus clone S24T_</i> 2,60 <i>Uncultured fungus clone MOTU_4160</i> 1,10
C11FC	C11ERH	C11MD	C11SC
Original paired reads:179243 Joined sequences(%):99	Original paired reads:215288 Joined sequences(%):97,8	Original paired reads:188692 Joined sequences(%):97,3	Original paired reads:200505 Joined sequences(%):96,6
<i>Uncultured Ascomycota</i> 76,78 <i>Candida deformans</i> 3,20 <i>Uncultured Phoma</i> 1,90 <i>Aspergillus_niger</i> 1,86 <i>Botrytis cinerea</i> 1,70 <i>Davidiella_tassiana</i> 1,32 <i>Lasiodiplodia_theobromae</i> 1,31 <i>Rhodotorula ingeniiosa</i> 1,20 <i>Eupenicillium_sp</i> 1,01 <i>Uncultured fungus clone 038A45644</i> 1	<i>Phoma_sp</i> 16,00 <i>Xylaria_curta</i> 13,75 <i>Penicillium aurantiogriseum</i> 11,29 <i>Candida deformans</i> 8,90 <i>Davidiella_tassiana</i> 7,31 <i>Uncultured Phoma</i> 5,40 <i>Botrytis cinerea</i> 4,70 <i>Uncultured fungus clone 038A45644</i> 2,7 <i>Uncultured fungus clone S24T_</i> 2,30	<i>Davidiella tassiana</i> 20,36 <i>Aspergillus niger</i> 11,97 <i>Candida deformans</i> 10,5 <i>Uncultured Ascomycota</i> 8,09 <i>Uncultured Phoma</i> 6,30 <i>Botrytis cinerea</i> 5,5 <i>Acremonium_sp</i> 4,56 <i>uncultured Chytridiomycota</i> 4,26 <i>Uncultured fungus clone 038A45644</i> 3,1 <i>Uncultured fungus clone S24T_</i> 2,70 <i>Uncultured fungus clone MOTU_4160</i> 1,10	<i>Candida deformans</i> 10,40 <i>Aspergillus niger</i> 8,97 <i>Uncultured Phoma</i> 6,20 <i>Botrytis cinerea</i> 5,60 <i>Uncultured Basidiomycota</i> 3,30 <i>Uncultured fungus clone 038A45644</i> 3,1 <i>Uncultured fungus clone S24T_</i> 2,70 <i>Rhizophydiales_sp</i> 2,43 <i>Uncultured fungus clone MOTU_4160</i> 1,10 <i>Candida glabrata</i> 1,09
C12FC	C12ERH	C12MD	C12SC
Original paired reads:193250	Original paired reads:178600	Original paired reads:198565	Original paired reads:173107

Joined sequences(%) :98,8		Joined sequences(%) :98,9		Joined sequences(%) :98,9		Joined sequences(%) :98,4	
<i>Davidiella tassiana</i>	36,52	<i>Davidiella tassiana</i>	34,62	<i>Davidiella tassiana</i>	43,15	<i>Uncultured</i>	
<i>Candida deformans</i>	11,90	<i>Acremonium_sp</i>	11,32	<i>Candida deformans</i>	10,70	<i>Basidiomycota</i>	32,67
<i>Uncultured Phoma</i>	7,10	<i>Candida deformans</i>	9,80	<i>Aspergillus niger</i>	6,52	<i>Davidiella tassiana</i>	26,92
<i>Botrytis cinerea</i>	6,2	<i>Uncultured Phoma</i>	5,80	<i>Uncultured Phoma</i>	6,40	<i>unculturedsoil fungus</i>	12,13
<i>Uncultured fungus clone 038A45644</i>	3,6	<i>Botrytis cinerea</i>	5,10	<i>Botrytis cinerea</i>	4,50	<i>Candida deformans</i>	5,70
<i>Uncultured Rhizopogon</i>	3,30	<i>Uncultured Basidiomycota</i>	3,77	<i>Uncultured fungus clone 038A45644</i>	3,3	<i>Uncultured Phoma</i>	3,40
<i>Uncultured fungus clone S24T_</i>	3,10	<i>root_associated_fungal_sp_EP1_6</i>	3,38	<i>Uncultured Rhizopogon</i>	2,90	<i>Botrytis cinerea</i>	3,00
<i>Uncultured fungus clone MOTU_4160</i>	1,30	<i>Rhizophydium Sp</i>	3,01	<i>Uncultured fungus clone S24T_</i>	2,80	<i>Acremonium sp</i>	1,82
<i>Xylaria curta</i>	1,20	<i>Uncultured fungus clone 038A45644</i>	2,9	<i>Acremonium_sp</i>	2,34	<i>Uncultured fungus clone 038A45644</i>	1,7
		<i>Uncultured Rhizopogon</i>	2,60	<i>Uncultured fungus clone MOTU_4160</i>	1,10	<i>Uncultured</i>	
		<i>Uncultured fungus clone S24T_</i>	2,50			<i>Rhizopogon</i>	1,50
		<i>unculturedsoil_fungus</i>	1,28			<i>Uncultured fungus clone S24T_</i>	1,50
		<i>Uncultured fungus clone MOTU_4160</i>	1,00				
C13FC		C13ERH		C13MD		C13SC	
Original paired reads:150780		Original paired reads:175759		Original paired reads:190566		Original paired reads:178420	
Joined sequences(%) :98,6		Joined sequences(%) :98,9		Joined sequences(%) :98		Joined sequences(%) :97,5	
<i>Xylaria curta</i>	21,83	<i>Davidiella tassiana</i>	44,76	<i>Aspergillus niger</i>	11,69	<i>Davidiella tassiana</i>	38,87
<i>Davidiella tassiana</i>	13,54	<i>Candida deformans</i>	11,10	<i>Candida deformans</i>	11,50	<i>Candida deformans</i>	14,20
<i>Anthracoidea_aspera</i>	12,28	<i>Uncultured Phoma</i>	6,60	<i>uncultured</i>		<i>Uncultured Phoma</i>	8,50
<i>unculturedsoil_fungus</i>	8,83	<i>Botrytis cinerea</i>	5,80	<i>Basidiomycota</i>	9,71	<i>Botrytis cinerea</i>	7,5
<i>Candida deformans</i>	6,10	<i>Uncultured fungus clone 038A45644</i>	3,4	<i>Uncultured Phoma</i>	6,90	<i>Uncultured fungus clone 038A45644</i>	4,3
<i>Uncultured Phoma</i>	3,60	<i>Uncultured Rhizopogon</i>	3,00	<i>Acremonium_sp</i>	6,85	<i>Uncultured</i>	
<i>Botrytis cinerea</i>	3,10	<i>Uncultured fungus clone 41</i>	2,90	<i>Botrytis cinerea</i>	6,00	<i>Rhizopogon</i>	3,80
<i>Physoderma_maydis</i>	2,94	<i>Xylaria curta</i>	2,13	<i>Uncultured fungus clone 038A45644</i>	3,5	<i>Uncultured fungus clone S24T_</i>	3,70
<i>Uncultured fungus clone 038A45644</i>	1,80	<i>Phoma_sp</i>	1,93	<i>Uncultured Rhizopogon</i>	3,00	<i>Uncultured fungus clone MOTU_4160</i>	1,50
<i>Aspergillus caesiellus</i>	1,77			<i>Uncultured fungus clone S24T_</i>	3,00		
<i>Uncultured Rhizopogon</i>	1,60			<i>Uncultured fungus clone MOTU_4160</i>	1,20		
<i>Uncultured fungus clone S24T_</i>	1,60			<i>Uncultured soil fungus</i>	8,3		