

Supplementary Table 5. Number of reads from DNA mNGS library aligning to fungal and parasitic sequences. Results are shown from both the patient's sample, NTC, and the PC sample.

*re-classified to a higher taxonomic rank because reads aligned equally well to multiple different organisms that shared the same species, genus or family

Abbreviations: NTC, no template control; PC, positive control; CSF, cerebrospinal fluid; mNGS, metagenomic next-generation sequencing

species	genus	family	Readcount		
			DNA NTC	DNA PC	DNA Patient CSF
<i>Cryptococcus neoformans</i>	Filobasidiella	Tremellaceae	0	104,135	0
<i>Aspergillus niger</i>	<i>Aspergillus</i>	Aspergillaceae	8	21,725	0
<i>Toxoplasma gondii</i>	<i>Toxoplasma</i>	Sarcocystidae	0	9,228	0
*	Filobasidiella	Tremellaceae	0	519	0
*	*	Sarcocystidae	0	266	0
<i>Neospora caninum</i>	<i>Neospora</i>	Sarcocystidae	0	50	0
<i>Hammondia triffittae</i>	<i>Hammondia</i>	Sarcocystidae	0	24	0
*	*	Aspergillaceae	0	20	0
*	<i>Hammondia</i>	Sarcocystidae	0	20	0
*	<i>Aspergillus</i>	Aspergillaceae	50	173	0
<i>Hammondia hammondi</i>	<i>Hammondia</i>	Sarcocystidae	7	20	0
<i>Aspergillus fumigatus</i>	<i>Aspergillus</i>	Aspergillaceae	0	15	0
<i>Aspergillus awamori</i>	<i>Aspergillus</i>	Aspergillaceae	0	7	0
<i>Bartheletia paradoxa</i>	<i>Bartheletia</i>	Bartheletiaceae	0	7	0
<i>Cryptococcus gattii</i>	Filobasidiella	Tremellaceae	0	7	0
<i>Aspergillus kawachii</i>	<i>Aspergillus</i>	Aspergillaceae	0	6	0
<i>Spirometra erinaceieuropaei</i>	<i>Spirometra</i>	Diphyllobothriidae	3	5	3
<i>Mucor racemosus</i>	<i>Mucor</i>	Mucoraceae	0	5	0
<i>Aspergillus oryzae</i>	<i>Aspergillus</i>	Aspergillaceae	0	4	0
<i>Setosphaeria turcica</i>	<i>Setosphaeria</i>	Pleosporaceae	0	4	0
<i>Caenorhabditis remanei</i>	<i>Caenorhabditis</i>	Rhabditidae	0	3	0
<i>Aspergillus tubingensis</i>	<i>Aspergillus</i>	Aspergillaceae	0	3	0
<i>Anisakis simplex</i>	<i>Anisakis</i>	Anisakidae	7	2	0
<i>Penicillium solitum</i>	<i>Penicillium</i>	Aspergillaceae	0	1	0
<i>Plectosphaerella</i> sp. 93 OA-2013	<i>Plectosphaerella</i>	Plectosphaerellaceae	0	1	0
*	*	Tremellaceae	0	1	0
<i>Malassezia globosa</i>	<i>Malassezia</i>	Malasseziaceae	231	35	2
<i>Gongylonema pulchrum</i>	<i>Gongylonema</i>	Gongylonematidae	27	4	0
<i>Wallemia sebi</i>	<i>Wallemia</i>		68	10	1

*	*	*	2,821	394	17
<i>Candida parapsilosis</i>	<i>Candida</i>	Debaryomycetaceae	323	45	6
<i>Elaeophora elaphi</i>	<i>Elaeophora</i>	Onchocercidae	77	10	1
<i>Lichtheimia hongkongensis</i>	<i>Lichtheimia</i>	Lichtheimiaceae	70	6	0
<i>Brugia timori</i>	<i>Brugia</i>	Onchocercidae	117	3	0
<i>Parastrongyloides trichosuri</i>	<i>Parastrongyloides</i>	Strongyloididae	293	5	1
<i>Sordaria macrospora</i>	<i>Sordaria</i>	Sordariaceae	7	0	1
<i>Bipolaris sorokiniana</i>	<i>Bipolaris</i>	Pleosporaceae	34	0	3
<i>Malassezia restricta</i>	<i>Malassezia</i>	Malasseziaceae	1	0	0
<i>Cladosporium oxysporum</i>	<i>Cladosporium</i>	Cladosporiaceae	1	0	0
<i>Strongylocentrotus purpuratus</i>	<i>Strongylocentrotus</i>	Strongylocentrotidae	5	0	0
<i>Caenorhabditis elegans</i>	<i>Caenorhabditis</i>	Rhabditidae	5	0	0
<i>Penicillium griseoroseum</i>	<i>Penicillium</i>	Aspergillaceae	7	0	0
<i>Fusarium graminearum</i>	<i>Fusarium</i>	Nectriaceae	7	0	0
<i>Leptosphaeria biglobosa</i>	<i>Leptosphaeria</i>	Leptosphaeriaceae	8	0	0
<i>Chaetomium globosum</i>	<i>Chaetomium</i>	Chaetomiaceae	8	0	0
<i>Myceliophthora thermophila</i>	<i>Myceliophthora</i>	Chaetomiaceae	8	0	0
<i>Alternaria tenuissima</i>	<i>Alternaria</i>	Pleosporaceae	8	0	0
*	<i>Saccharomyces</i>	Saccharomycetaceae	8	0	0
<i>Aphanomyces euteiches</i>	<i>Aphanomyces</i>	Saprolegniaceae	8	0	0
<i>Ophiostoma piliferum</i>	<i>Ophiostoma</i>	Ophiostomataceae	9	0	0
<i>Rhodotorula taiwanensis</i>	<i>Rhodotorula</i>		9	0	0
<i>Trichosporon domesticum</i>	<i>Trichosporon</i>		10	0	0
<i>Phoma herbarum</i>	<i>Phoma</i>	Didymellaceae	12	0	0
<i>Erysiphe alphitoides</i>	<i>Erysiphe</i>	Erysiphaceae	13	0	0
*	<i>Leptosphaeria</i>	Leptosphaeriaceae	15	0	0
<i>Zymoseptoria tritici</i>	<i>Zymoseptoria</i>	Mycosphaerellaceae	15	0	0
<i>Debaryomyces hansenii</i>	<i>Debaryomyces</i>	Debaryomycetaceae	15	0	0
<i>Alternaria alternata</i>	<i>Alternaria</i>	Pleosporaceae	16	0	0
*	<i>Phoma</i>	Didymellaceae	17	0	0
*	<i>Umbilicaria</i>	Umbilicariaceae	18	0	0
*	<i>Penicillium</i>	Aspergillaceae	20	0	0
<i>Wuchereria bancrofti</i>	<i>Wuchereria</i>	Onchocercidae	20	0	0
<i>Cladosporium cladosporioides</i>	<i>Cladosporium</i>	Cladosporiaceae	20	0	0
<i>Saccharomyces bayanus</i>	<i>Saccharomyces</i>	Saccharomycetaceae	20	0	0
<i>Fusarium phaseoli</i>	<i>Fusarium</i>	Nectriaceae	21	0	0
<i>Dasybranchus</i> sp. DH1	<i>Dasybranchus</i>	Capitellidae	23	0	0
<i>Neofusicoccum parvum</i>	<i>Neofusicoccum</i>	Botryosphaeriaceae	30	0	0

*	Cladosporium	Cladosporiaceae	30	0	0
Penicillium rubens	Penicillium	Aspergillaceae	33	0	0
Ustilago maydis	Ustilago	Ustilaginaceae	38	0	0
Mucor circinelloides	Mucor	Mucoraceae	68	0	0
Albugo laibachii	Albugo	Albuginaceae	115	0	0