

Supplemental Table: Oligonucleotides sequences of probes

Organism	Probe name	Probe sequence (5'-3')	Length (pb)
Common for all fungi	50-17	GATGAAGAACGCAGCGATTTTTTTTTT	27
	50-19	CGATGAAGAACGCAGCGAATTTTTTTTTT	29
	51-17	GAGTCTTTGAACGCACATTTTTTTTTT	27
	51-19	CGAGTCTTTGAACGCACATTTTTTTTTT	29
	52-17R	TTTTTTTTTTACCAAGAGATCCGTTGT	27
	52-19R	TTTTTTTTTTAACCAAGAGATCCGTTGT	29
<i>Aspergillus fumigatus</i>	33B-1R	TTTTTTTTTTTAACTGATTACGATAATCAA	30
	33B-2R	TTTTTTTTTTTAACTGATTACGATAATCA	29
	33B-4R	TAACTGATTACGATAATCAATTTTTTTTTT	30
	33C 1R	TTTTTTTTTTTAACTGATTACGATAATCAAC	31
	33C 2R	TTTTTTTTTTTACTGATTACGATAATCAAC	29
	33C 3R	TTTTTTTTTTTCTGATTACGATAATCAAC	28
	34A-8	TTGTCACCTGCTCTGTTTTTTTTTTT	26
	34A-14	TTGTCACCTGCTCTTTTTTTTTTTT	24
	34A-17	GTCACCTGCTCTGTTTTTTTTTTT	23
	34A-20	TTTTTTTTTTTTTTGTCACCTGCTC	24
<i>Aspergillus flavus</i>	60B 1	TTTTTTTTTTTGATCTAGTGAAGTCTGAG	29
	60B 1R	TTTTTTTTTTTCTCAGACTTCACTAGATCA	29
	60B 17R	TCAGACTTCACTAGATCTTTTTTTTTT	27
	60C 1R	TTTTTTTTTTTAACTGATTGCGATAACAAT	29
	60C 2R	TTTTTTTTTTTACTGATTGCGATAACAAT	27
	60C-19R	TAACTGATTGCGATAACAATTTTTTTTTT	29

<i>Aspergillus nidulans</i>	64B 8	TTTTTTTTTTAGTTCAGTGGTCCCCGGC	28
	64B 9	TTTTTTTTTTAGTTCAGTGGTCCCCG	26
	65A 15	GGCGTCTCCAACCTTTTTTTTTTTT	25
	65A 17	CGGCGTCTCCAACCTTATTTTTTTTTT	27
	65A 19	CCGGCGTCTCCAACCTTATTTTTTTTTT	29
<i>Aspergillus niger</i>	62A 4	TTTTTTTTTTATAGACACGGATG	23
	63A 15	TTTTTTTTTTCCAACCATTCTTTCCA	26
	63A 17	TTTTTTTTTTCCAACCATTCTTTCCA	27
	63A 19	TTTTTTTTTTCCAACCATTCTTTCCAG	29
<i>Aspergillus terreus</i>	35A 17R	GCAAAGAATCACACTCATTTTTTTTTT	27
	35A 19	TGAGTGTGATTCTTTGCAATTTTTTTTT	29
	35A 19R	TTGCAAAGAATCACACTCATTTTTTTTTT	29
	36A 1	TTTTTTTTTTGGCTTCGTCTCCGCTCCG	29
	36A 2	TTTTTTTTTTGCTTCGTCTCCGCTCC	27
	36A 19	GGCTTCGTCTCCGCTCCGTTTTTTTTT	29
	36B 15	CGACGCATTTATTTGTTTTTTTTTT	25
	36B 17	GCCGACGCATTTATTTGTTTTTTTTTT	27
	36B 19	CGCCGACGCATTTATTTGCTTTTTTTTT	29
<i>Blastomyces dermatidis</i>	41A 17R	GTTCTCCGGTCTAGGATTTTTTTTTT	27
	41A 19R	GGTCTCCGGTCTAGGAGTTTTTTTTTT	29
	42A 15	CCGGCCCCATCTCAATTTTTTTTTT	25
	42A 17	TCCGGCCCCATCTCAAATTTTTTTTTT	27
<i>Candida albicans</i>	14A 15	CGGAGATGCTTGACTTTTTTTTTTT	25
	14A 17	CGGAGATGCTTGACAATTTTTTTTTTT	27

	1A 17R	TTTTTTTTTTAAGTTTAGACCTCTGGC	27
	1A 19	CCGCCAGAGGTCTAAACTTTTTTTTTTTT	29
	1B 15R	TTTTTTTTTTATCTGGTGTGACAAG	25
	1B 17R	TTTTTTTTTTTAATCTGGTGTGACAAG	27
	1B 19	ACTTGTCACACCAGATTATTTTTTTTTTT	29
	2A 15	CGTCCACCACGTATATTTTTTTTTTT	25
	2A 17	AACGTCCACCACGTATATTTTTTTTTTT	27
	2A 19	GTAACGTCCACCACGTATATTTTTTTTTTT	29
	2B 15	TTTTTTTTTTATTGCTTGCGGCGGT	25
	2B 17	TTTTTTTTTTTACATTGCTTGCGGCGGT	27
<i>Candida dubliniensis</i>	13A-2R	TTTTTTTTTTAACAAAACAC	27
	13A-3R	TTTTTTTTTTAACAAAACACATGTGG	26
	13B 15	TTTTTTTTTTTATAAACTTGTCACG	25
	13B 17	TTTTTTTTTTTATAAACTTGTCACGAG	27
<i>Candida famata</i>	80B-1	TGGTCTGGACTAGAAATATTTTTTTTT	28
	80B-1R	TTTTTTTTTTATTTCTAGTCCAGACCA	28
	81A-1	TTTTTTTTTTTAGTGCTATATGACTTTC	28
	81A-3	TTTTTTTTTTTAGTGCTATATGACTTTC	27
<i>Candida glabrata</i>	7A 15R	TTTTTTTTTTTGTCTCTCTCCGAGC	25
	7A 17R	TTTTTTTTTTTATGTCTCTCTCCGAGCT	27
	7A 19R	TTTTTTTTTTTGATGTCTCTCTCCGAGCTC	29
	7B 17	CTCCTGCCTGCGCTTAATTTTTTTTTTT	27
	7B 19	TTCTCCTGCCTGCGCTTAATTTTTTTTTTT	29
	7B 19R	TTAAGCGCAGGCAGGAGAATTTTTTTTTTT	29

	8A 17	TTTTTTTTTTAACTTGAAATTGTAGGC	27
	8A 19	TTTTTTTTTTAACTTGAAATTGTAGGCCA	29
	8B 15	TTTTTTTTTTTGCTGCTCGTTTGCG	25
	8B 17	TTTTTTTTTTTGCTGCTCGTTTGCGC	27
	8B 19	TTTTTTTTTTTCTGCTGCTCGTTTGCGCG	29
<i>Candida guilliermondii</i>	55A 17R	TTTTTTTTTTAAAATTTGACTAACTGT	27
	55A 19	TTTACAGTTAGTCAAATTTTTTTTTTTT	29
	55A 19R	TTTTTTTTTTCAAATTTGACTAACTGTA	29
	55B 15	GTCGACCTCTCAATGTTTTTTTTTT	25
	55B 17	TGTCGACCTCTCAATGTTTTTTTTTT	27
	55B 19	CTGTCGACCTCTCAATGTATTTTTTTTTT	29
<i>Candida kefyr</i>	Ck1-t16R	TTTTTTTTTTGTCAGACGATCCCCC	26
	Ck2-20Rt	TAGCAGAGAATCAAGAAGTGTTTTTTTTTT	30
	Ck2-t20R	TTTTTTTTTTTAGCAGAGAATCAAGAAGT	30
	Ck4-t17	TTTTTTTTTTTCGTCTCGGGTAACTTG	27
	Ck4-17Rt	CAAGTTAACCCGAGACGTTTTTTTTTT	27
	Ck4-t17R	TTTTTTTTTTCAAGTTAACCCGAGACG	27
	Ck6-18Rt	GCAAGAGTCGAGTCCATATTTTTTTTTT	28
<i>Candida krusei</i>	9B 17R	GCTATATCCACATTTTTTTTTTTTTT	27
	9B 19R	ATGCTATATCCACATTTTTTTTTTTTTT	29
	9C-1R	TTTTTTTTTTTCGACTATATGCTATATTC	29
	9C-2R	CGACTATATGCTATATTCCTTTTTTTTTT	29
	9C-3R	TTTTTTTTTTTCGACTATATGCTATATTC	29
	10A 15	GCGGACGACGTGTAATTTTTTTTTT	25

	10A 17	GCGGACGACGTGTAAAGTTTTTTTTTT	27
	10A 19	GAGCGGACGACGTGTAAAGTTTTTTTTTT	29
	10B 15	TTTTTTTTTTGAGCGAAGCTGGCCG	25
	10B 17	TTTTTTTTTTAGCGAAGCTGGCCGAGC	27
	10B 19	TTTTTTTTTTGAGCGAAGCTGGCCGAGCG	29
<i>Candida lusitaniae</i>	11C 14R	TGTTGCAAAAACATTTTTTTTTTT	24
	11C 15R	TGTTGCAAAAACAATTTTTTTTTTT	25
	11C 16R	TGTTGCAAAAACAATTTTTTTTTTT	26
	11B 19	TTCGAATTTCTTAATATCATTTTTTTTTTT	29
	11B 19R	TTGATATTAAGAAATTCGATTTTTTTTTTT	29
	12A 17R	TTTCGGAGCAACGCCTATTTTTTTTTTT	27
	12A 19	TTAGGCGTTGCTCCGAAATTTTTTTTTTT	29
	12A 19R	TTTCGGAGCAACGCCTAACTTTTTTTTTTT	29
	12B 17	CGTTTACAGCACGACATTTTTTTTTTT	27
	12B 19	CACGTTTACAGCACGACATTTTTTTTTTT	29
<i>Candida parapsilosis</i>	5A 17	CTGCCAGAGATTAAACTTTTTTTTTTT	27
	5A 18	CTGCCAGAGATTAAACTCTTTTTTTTTTT	28
	5A 18R	GAGTTTAATCTCTGGCAGTTTTTTTTTT	28
	6A 17	TTTTTTTTTTTCCAAAACCTCTTCCATT	27
	6A 19	TTTTTTTTTTTCTCCAAAACCTCTTCCATT	29
	6A 19R	TTTTTTTTTTAATGGAAGAAGTTTGGAG	29
	6B 17	TTTTTTTTTTTACTCCAAAACCTCTTCC	27
	6B 18	TTTTTTTTTTTACTCCAAAACCTCTTCCA	28
	6B 18R	TTTTTTTTTTTGGAAGAAGTTTGGAGT	28

<i>Candida tropicalis</i>	3A 16R	TTTTTTTTTTGGATTGCTCCCGCCAC	26
	3A 17R	TTTTTTTTTTGGATTGCTCCCGCCACC	27
	3B 15R	TTTTTTTTTTATCAAGTTTGACTGT	25
	3B 17R	TTTTTTTTTTAAATCAAGTTTGACTGT	27
	3B 19R	TTTTTTTTTTAAATCAAGTTTGACTGTAA	29
	4A 15	TTTTTTTTTTATACGCTAGGTTTGT	25
	4A 17	TTTTTTTTTTATACGCTAGGTTTGTTT	27
	4A 19	TTTTTTTTTTCAATACGCTAGGTTTGTTT	29
	4B 17	GCTAGTGGCCACCACCTTTTTTTTTTTT	27
	4B 19	GCTAGTGGCCACCACAATTTTTTTTTTTT	29
<i>Coccidioides posadasii</i>	37C 15R	GGAGGTGCGCAGCCGTTTTTTTTTT	25
	37C 17R	GGGAGGTGCGCAGCCGTTTTTTTTTT	27
	37C 19R	GGGGAGGTGCGCAGCCGGATTTTTTTTTT	29
	37E 15R	TTTTTGCTATGATGCTTTTTTTTTTT	25
	37E 17R	GATTTTGGCTATGATGCTTTTTTTTTTT	27
	37E 18R	GATTTTGGCTATGATGCTTTTTTTTTTT	28
	38D-1	TTATATCCGGTTTGACCTCTTTTTTTTTT	29
	38D-2	ATATCCGGTTTGACCTCTTTTTTTTTTT	27
	38D-3	TATCCGGTTTGACCTTTTTTTTTTTT	25
	38E 15	TTTTTTTTTTACCCGATCGGGGCCG	25
	38E 17	TTTTTTTTTTGACCCGATCGGGGCCGA	27
	38E 19	TTTTTTTTTTAGACCCGATCGGGGCCGAT	29
<i>Cryptococcus neoformans</i> var.	22A-8	GTTTATGTGCTTCGGCACTTTTTTTTTT	28
	22A 17	TTTTTTTTTTGTTTATGTGCTTCGGCA	27

<i>neoformans, grubii, gattii</i>	23A 17	TTTTTTTTTTGAAGGTGATTACCTGTC	27
	23A 19	TTTTTTTTTTGGAAGGTGATTACCTGTCA	29
	23B 1	TTTTTTTTTTTTTCGCTGGGCCTATGG	27
	23B 2	TTTTTTTTTTGTTCGCTGGGCCTATGGG	29
<i>Fusarium</i> sp.	7-16t	GGCCACGCCGTTAAACTTTTTTTTTT	26
	7-18t	CTTCTGAATGTTGACCTCTTTTTTTTTT	28
	7-19t	CGCGGCCACGCCGTTAAACTTTTTTTTTT	29
	7B-19t	CAACTTCTGAATGTTGACCTTTTTTTTTT	29
	7C-18t	CAACTTCTGAATGTTGACCTTTTTTTTTT	28
	7C-19t	CCGTAAACCCCAACTTCTGTTTTTTTTT	29
	10B-16Rt	GTATGTTACAGGGGTTTTTTTTTT	26
	10B-18Rt	GTATGTTACAGGGGTTGTTTTTTTTT	28
<i>Fusarium solani</i> species complex	1-16Rt	CCGTCTGTTCCCGCCGTTTTTTTTTT	26
	1-18Rt	GCCGTCTGTTCCCGCCGATTTTTTTTTT	28
	1-19Rt	CCGTCTGTTCCCGCCGAAGTTTTTTTTT	29
	2-19Rt	GCCGATCCCCAACGCCAGGTTTTTTTTT	29
	4-18t	CACCTCGCAACTGGAGAGTTTTTTTTT	28
	4-19t	GCTAACACCTCGCAACTGGATTTTTTTTTT	29
	4-20t	GTAGCTAACACCTCGCAACTTTTTTTTTT	30
	6B-17Rt	CAGAGTTAGGGGTCCTCTTTTTTTTTT	27
	9-17t	ACGTTGCTTCGGCGGGATTTTTTTTTT	27
<i>Histoplasma capsulatum</i>	39B-22	TTTTTTTTTTTCGTTACCGACGGTTCTT	28
	39B-24	TTTTTTTTTTGTTACCGACGGTTCT	26
	39B-25	TTTTTTTTTTGTTACCGACGGTTC	25

	39C 15R	AGGTCCGGTAGACAATTTTTTTTTT	25
	39C 17R	CAGGTCCGGTAGACAAGTTTTTTTTT	27
	39C 19R	ACAGGTCCGGTAGACAAGTTTTTTTTT	29
<i>Malassezia furfur</i>	48A 15R	TTTTTTTTTCCAAACGGTGCACAC	25
	48A 17R	TTTTTTTTTCCAAACGGTGCACACG	27
	48A 19R	GATTCCACGTTCATAACAATTTTTTTTT	29
	48B 15R	TTCCACGTTCATACTTTTTTTTTT	25
	48B 17R	ATTCCACGTTCATACATTTTTTTTTT	27
	48B 19R	GATTCCACGTTCATAACAATTTTTTTTT	29
	49A 7	TGCGATTGCACTGCTTTGTTTTTTTTT	28
	49A 8	GCGATTGCACTGCTTTGTTTTTTTTT	27
	49A 9	CGATTGCACTGCTTTGTTTTTTTTT	26
	49B 15	TTTTTTTTTGCATTAGCGCCTTTG	25
	49B 17	TTTTTTTTTGCATTAGCGCCTTTGG	27
	49B 19	TTTTTTTTTATGCATTAGCGCCTTTGGG	29
	<i>Mucor</i> sp.	M1-t15R	TTTTTTTTTTAATACAGTTCACAG
M1-16Rt		AATAATACAGTTCACATTTTTTTTTT	26
M1-t16R		TTTTTTTTTTAATAATACAGTTCACA	26
M3-20Rt		GGTAAATAATAATAGGATACTTTTTTTTTT	30
M3-t20R		TTTTTTTTTTGGTAAATAATAATAGGATAC	30
M4-t15R		TTTTTTTTTTGGTCTATGTTACAAT	25
<i>Paracoccidioides brasiliensis</i>	45A 15R	CCCCGTCCCCCACGTTTTTTTTT	25
	45A 17R	GCCCCGTCCCCCACGGTTTTTTTTT	27
	45A 18R	GGCCCCGTCCCCCACGGTTTTTTTTT	28

	45B 15R	TTTTTTTTTTTCAAAGCTCCGAACC	25
	45B 17R	TTTTTTTTTTGTCAAAGCTCCGAACCA	27
	45B 19R	TTTTTTTTTTTCGTCAAAGCTCCGAACCAG	29
	46A 15	CCCCACTCATCGACCTTTTTTTTTTT	25
	46A 17	GCCCCACTCATCGACCCTTTTTTTTTTT	27
	46A 19	GGCCCCACTCATCGACCCCTTTTTTTTTTT	29
<i>Penicillium marneffeii</i>	43B 15R	TTTTTTTTTTTCAGACAGTCCATCT	25
	43B 17R	TTTTTTTTTTTCTCAGACAGTCCATCTT	27
	43B 19R	TTTTTTTTTTTACTCAGACAGTCCATCTTC	29
	44A 17	TTTTTTTTTTTCCACCATATTTACCACG	27
	44A 19	TTTTTTTTTTTACCACCATATTTACCACGG	29
<i>Rhizomucor</i> sp.	Rm1-17t	AGGGATTGCTCCAGATCTTTTTTTTTTT	27
	Rm1-t17R	TTTTTTTTTTTGATCTGGAGCAATCCCT	27
	Rm2-17t	CTTTGGATTGCGGTGCTTTTTTTTTTT	27
	Rm2-17Rt	GCACCGCAAATCCAAAGTTTTTTTTTTT	27
	Rm3-19t	GGGCTTGCTTGGTATCTATTTTTTTTTTT	29
	Rm3-19Rt	TAGATACCAAGCAAGCCCTTTTTTTTTTT	29
	Rm4-19t	GATCTGAACTTAGACGGGATTTTTTTTTTT	29
	Rm4-t19R	TTTTTTTTTTTCCCGTCTAAGTTCAGATC	29
<i>Trichophyton mentagrophytes</i>	68A 1	TTTTTTTTTTTGTTTAGCCACTAAAGAGAG	29
	68A 2	TTTTTTTTTTTGTTTAGCCACTAAAGAGA	28
	68A 4R	TTTTTTTTTTTGTTTAGCCACTAAAGAGAGG	30
	69A-10	GCCCCCGTCTTTGGGGGTTTTTTTTTTTT	28
<i>Trichophyton</i>	66B 6R	TTTTTTTTTTTGCTCGAGGCTCCCAGAAGG	29

<i>rubrum</i>	66B 13R	TTTTTTTTTTCTCGAGGCTCCCAGAAGG	28
	66B 14R	TTTTTTTTTTGCTCGAGGCTCCCAGAAG	28
	67A 1	TTTTTTTTTTCAGCCAATCCAGCGCCCTCA	30
	67A 7	TTTTTTTTTTCAGCCAATCCAGCGCCCTC	29
	67A 8	TTTTTTTTTTAGCCAATCCAGCGCCCTCA	29
	67B 17	AGCCAATTCAGCGCCCTTTTTTTTTTT	27
	67B 19	CAGCCAATTCAGCGCCCTTTTTTTTTTT	29
<i>Trichophyton</i>	47A 6	CCTATCCTGGGGGGCCTTTTTTTTTTT	26
<i>tonsurans</i>	47A 7	TTTTTTTTTTCCTATCCTGGGGGGCC	26
	47A 19R	TTTTTTTTTTTATCCTGGGGGGCCGGCCT	29
	47B 1	TTTTTTTTTTTGAGCCGCTATAAAGAGAGG	29
	47B 4	TTTTTTTTTTTGAGCCGCTATAAAGAGAGGC	30
	47B 19R	GAGCCGCTATAAAGAGAGGTTTTTTTTTT	29
	<i>Trichosporon</i> sp.	78A-3	TTTTTTTTTCTTGCCTCTCTGGTA
78C-1		TTTTTTTTTTGCTCGCCTTAAAAGAGTT	28
<i>Trichosporon asahii</i>	79A-5	TTTTTTTTTTGCGTCTGCGATTCT	25
	79A-6a	TTTTTTTTTTGGGCGTCTGCAATTTC	26
<i>Trichosporon cutaneum</i>	31A-2	TTTTTTTTTTCGGTCAATTGATTTTACAAA	30
	31A-4R	TTTGTAATAATCAATTGACCGTTTTTTTTTT	30
	32A 17	TTTTTTTTTTAACTTGTCTTATCTGGC	27