

Supplementary Materials: Investigation of the Metabolic Profile and Toxigenic Variability of Fungal Species Occurring in Fermented Foods and Beverage from Nigeria and South Africa Using UPLC-MS/MS

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Supplementary data: *Aspergillus* species in fermented foods as shown in Figures 1 and 2.

Nigerian Fermented Food Samples	Isolates species as shown in Figure 1 and corresponding numbers	
Ogiri	<i>A.flavus</i>	1
Ogiri	<i>A.flavus</i>	2
Ogiri	<i>A.flavus</i>	3
Ogiri	<i>A.flavus</i>	4
Ogiri	<i>A.flavus</i>	5
Ogiri	<i>A.flavus</i>	6
Ogiri	<i>A.flavus</i>	7
Ogiri	<i>A. fumigatus</i>	8
Ogiri	<i>A. fumigatus</i>	9
Ogiri	<i>A. fumigatus</i>	10
Ogiri	<i>A. minisclerotigenes</i>	11
Ogiri	<i>A. parasiticus</i>	12
Ogiri	<i>A. parasiticus</i>	13
Ogiri	<i>A. parasiticus</i>	14
Ogiri	<i>A. niger</i>	15
Ogiri	<i>A. niger</i>	16
Ogiri	<i>A. ustus</i>	17
Ogiri	<i>A. versicolor</i>	18
Ogiri	<i>A. clavatus</i>	19
Iru	<i>A. candidus</i>	20
Iru	<i>A. clavatus</i>	21
Iru	<i>A.flavus</i>	22
Iru	<i>A.flavus</i>	23
Iru	<i>A.flavus</i>	24
Iru	<i>A.flavus</i>	25
Iru	<i>A.flavus</i>	26
Iru	<i>A.flavus</i>	27
Iru	<i>A.flavus</i>	28
Iru	<i>A.flavus</i>	29
Iru	<i>A.flavus</i>	30
Iru	<i>A.flavus</i>	31
Iru	<i>A.fumigatus</i>	32
Iru	<i>A.fumigatus</i>	33
Iru	<i>A.fumigatus</i>	34

Iru	<i>A.fumigatus</i>	35
Iru	<i>A.fumigatus</i>	36
Iru	<i>A.fumigatus</i>	37
Iru	<i>A.niger</i>	38
Iru	<i>A.parasiticus</i>	39
Iru	<i>A.parasiticus</i>	40
Iru	<i>A.parasiticus</i>	41
Iru	<i>A.parasiticus</i>	42
Iru	<i>A.parasiticus</i>	43
Iru	<i>A.ruber</i>	44
Iru	<i>A.sclerotium</i>	45
Iru	<i>A.versicolor</i>	46
Iru	<i>A.versicolor</i>	47
Ugba	<i>A.flavus</i>	48
Ugba	<i>A.flavus</i>	49
Ugba	<i>A.flavus</i>	50
Ugba	<i>A.flavus</i>	51
Ugba	<i>A.flavus</i>	52
Ugba	<i>A.flavus</i>	53
Ugba	<i>A.flavus</i>	54
Ugba	<i>A.fumigatus</i>	55
Ugba	<i>A.niger</i>	56
Ugba	<i>A.parasiticus</i>	57
Ugba	<i>A.parasiticus</i>	58
Ugba	<i>A.spp</i>	59
Ugba	<i>A.sclerotium</i>	60
Ugba	<i>A.tubingensis</i>	61
Ugba	<i>A.tubingensis</i>	62
Ugba	<i>A.versicolor</i>	63
Ogi	<i>A.amstelodami</i>	64
Ogi	<i>A.flavus</i>	65
Ogi	<i>A.flavus</i>	66
Ogi	<i>A.flavus</i>	67
Ogi	<i>A.flavus</i>	68
Ogi	<i>A.flavus</i>	69
Ogi	<i>A.flavus</i>	70
Ogi	<i>A.fumigatus</i>	71
Ogi	<i>A.fumigatus</i>	72
Ogi	<i>A.fumigatus</i>	73
Ogi	<i>A.niger</i>	74
Ogi	<i>A.niger</i>	75
Ogi	<i>A.niger</i>	76
Ogi	<i>A.niger</i>	77
Ogi	<i>A.niger</i>	78
Ogi	<i>A.parasiticus</i>	79

Ogi	<i>A.parasiticus</i>	80
Ogi	<i>A.parasiticus</i>	81
Ogi	<i>A.parasiticus</i>	82
Ogi	<i>A.parasiticus</i>	83
Ogi	<i>A.ruber</i>	84
Ogi	<i>A.versicolor</i>	85
Ogi	<i>A.versicolor</i>	86
Ogi Baba	<i>A.clavatus</i>	87
Ogi Baba	<i>A.clavatus</i>	88
Ogi Baba	<i>A.flavus</i>	89
Ogi Baba	<i>A.flavus</i>	90
Ogi Baba	<i>A.flavus</i>	91
Ogi Baba	<i>A.flavus</i>	92
Ogi Baba	<i>A.flavus</i>	93
Ogi Baba	<i>A.flavus</i>	94
Ogi Baba	<i>A.minisclerotigenes</i>	95
Ogi Baba	<i>A.niger</i>	96
Ogi Baba	<i>A.parasiticus</i>	97
Ogi Baba	<i>A.parasiticus</i>	98
Ogi Baba	<i>A.spp</i>	99
Ogi Baba	<i>A.sydwowii</i>	100
Ogi Baba	<i>A.tritici</i>	101
Ogi Baba	<i>A.versicolor</i>	102

South African Fermented Food Samples	Isolates species as shown in Figure 2 and corresponding numbers	
Ogiri	<i>A.flavus</i>	1
Ogiri	<i>A.flavus</i>	2
Ogiri	<i>A.flavus</i>	3
Ogiri	<i>A.flavus</i>	4
Ogiri	<i>A.flavus</i>	5
Ogiri	<i>A.flavus</i>	6
Ogiri	<i>A.flavus</i>	7
Ogiri	<i>A.flavus</i>	8
Ogiri	<i>A.fumigatus</i>	9
Ogiri	<i>A.fumigatus</i>	10
Ogiri	<i>A.fumigatus</i>	11
Ogiri	<i>A.minisclerotigenes</i>	12
Ogiri	<i>A.minisclerotigenes</i>	13
Ogiri	<i>A.niger</i>	14
Ogiri	<i>A.niger</i>	15
Ogiri	<i>A.oryzae</i>	16
Ogiri	<i>A.oryzae</i>	17
Ogiri	<i>A.parasiticus</i>	18
Ogiri	<i>A.parasiticus</i>	19
Ogiri	<i>A.parasiticus</i>	20

Ogiri	<i>A.ustus</i>	21
Ogiri	<i>A.ustus</i>	22
Ogiri	<i>A.versicolor</i>	23
Iru	<i>A.amstelodami</i>	24
Iru	<i>A.amstelodami</i>	25
Iru	<i>A.candidus</i>	26
Iru	<i>A.candidus</i>	27
Iru	<i>A.candidus</i>	28
Iru	<i>A.candidus</i>	29
Iru	<i>A.flavus</i>	30
Iru	<i>A.flavus</i>	31
Iru	<i>A.flavus</i>	32
Iru	<i>A.flavus</i>	33
Iru	<i>A.flavus</i>	34
Iru	<i>A.flavus</i>	35
Iru	<i>A.flavus</i>	36
Iru	<i>A.flavus</i>	37
Iru	<i>A.flavus</i>	38
Iru	<i>A.flavus</i>	39
Iru	<i>A.flavus</i>	40
Iru	<i>A.flavus</i>	41
Iru	<i>A.fumigatus</i>	42
Iru	<i>A.fumigatus</i>	43
Iru	<i>A.fumigatus</i>	44
Iru	<i>A.fumigatus</i>	45
Iru	<i>A.niger</i>	46
Iru	<i>A.niger</i>	47
Iru	<i>A.parasiticus</i>	48
Iru	<i>A.parasiticus</i>	49
Iru	<i>A.parasiticus</i>	50
Iru	<i>A.parasiticus</i>	51
Iru	<i>A.parasiticus</i>	52
Iru	<i>A.parasiticus</i>	53
Iru	<i>A.sclerotiorum</i>	54
Iru	<i>A.sclerotiorum</i>	55
Iru	<i>A.sydwii</i>	56
Iru	<i>A.sydwii</i>	57
Iru	<i>A.tubingensis</i>	58
Iru	<i>A.tubingensis</i>	59
Iru	<i>A.versicolor</i>	60
Ugba	<i>A.candidus</i>	61
Ugba	<i>A.candidus</i>	62
Ugba	<i>A.flavus</i>	63
Ugba	<i>A.flavus</i>	64
Ugba	<i>A.flavus</i>	65

Ugba	<i>A.flavus</i>	66
Ugba	<i>A.flavus</i>	67
Ugba	<i>A.fumigatus</i>	68
Ugba	<i>A.fumigatus</i>	69
Ugba	<i>A.niger</i>	70
Ugba	<i>A.niger</i>	71
Ugba	<i>A.parasiticus</i>	72
Ugba	<i>A. parasiticus</i>	73
Ugba	<i>A.sclerotiorum</i>	74
Ugba	<i>A.sclerotiorum</i>	75
Ogi	<i>A.clavatus</i>	76
Ogi	<i>A.clavatus</i>	77
Ogi	<i>A.flavus</i>	78
Ogi	<i>A.flavus</i>	79
Ogi	<i>A.flavus</i>	80
Ogi	<i>A.flavus</i>	81
Ogi	<i>A.flavus</i>	82
Ogi	<i>A.flavus</i>	83
Ogi	<i>A.fumigatus</i>	84
Ogi	<i>A.niger</i>	85
Ogi	<i>A.niger</i>	86
Ogi	<i>A.parasiticus</i>	87
Ogi	<i>A.parasiticus</i>	88
Ogi	<i>A.sydwii</i>	89
Ogi	<i>A.tritici</i>	90
Ogi	<i>A.tritici</i>	91
Ogi	<i>A.versicolor</i>	92
Ogi	<i>A.versicolor</i>	93
Mahewu	<i>A.clavatus</i>	94
Mahewu	<i>A.clavatus</i>	95
Mahewu	<i>A.clavatus</i>	96
Mahewu	<i>A.flavus</i>	97
Mahewu	<i>A.flavus</i>	98
Mahewu	<i>A.flavus</i>	99
Mahewu	<i>A.flavus</i>	100
Mahewu	<i>A.flavus</i>	101
Mahewu	<i>A.flavus</i>	102
Mahewu	<i>A.flavus</i>	103
Mahewu	<i>A.fumigatus</i>	104
Mahewu	<i>A.fumigatus</i>	105
Mahewu	<i>A.fumigatus</i>	106
Mahewu	<i>A.niger</i>	107
Mahewu	<i>A.niger</i>	108
Mahewu	<i>A.niger</i>	109
Mahewu	<i>A.parasiticus</i>	110
Mahewu	<i>A.parasiticus</i>	111

Mahewu	<i>A.parasiticus</i>	112
Mahewu	<i>A.tubingensis</i>	113
Mahewu	<i>A.versicolor</i>	114
Mahewu	<i>A.versicolor</i>	115
Umqombothi	<i>A.flavus</i>	116
Umqombothi	<i>A.flavus</i>	117
Umqombothi	<i>A.flavus</i>	118
Umqombothi	<i>A.flavus</i>	119
Umqombothi	<i>A.flavus</i>	120
Umqombothi	<i>A.flavus</i>	121
Umqombothi	<i>A.fumigatus</i>	122
Umqombothi	<i>A.fumigatus</i>	123
Umqombothi	<i>A.minisclerotigenes</i>	124
Umqombothi	<i>A.minisclerotigenes</i>	125
Umqombothi	<i>A.niger</i>	126
Umqombothi	<i>A.niger</i>	127
Umqombothi	<i>A.niger</i>	128
Umqombothi	<i>A.parasiticus</i>	129
Umqombothi	<i>A.parasiticus</i>	130
Umqombothi	<i>A.parasiticus</i>	131
Umqombothi	<i>A.sclerotiorum</i>	132
Umqombothi	<i>A.sclerotiorum</i>	133
Umqombothi	<i>A.sydwii</i>	134
Umqombothi	<i>A.sydwii</i>	135
Umqombothi	<i>A.tritici</i>	136
Umqombothi	<i>A.tritici</i>	137
Umqombothi	<i>A.versicolor</i>	138