

Table S1. Markers and primers employed in this study.

Marker ¹	Description	Primers (5' – 3')	Enzyme
CRAM – <i>ETF1</i>	A <i>MAT</i> locus; PCR - RFLP	Forward: JOHE24001/SS (TCCACAGACTCCCCCTCTC) Reverse: JOHE24002/SS (TTTTCGCAACCTCTTCAACC)	DdeI
CRAM – <i>SXI2</i>	B <i>MAT</i> locus; PCR – RFLP	Forward: JOHE24748/SS (ACCAGATTATGGCAGACTGCT) Reverse: JOHE24749/SS (AGGTTTGTCTCGGCTGGAGA)	StyI
CRAM – <i>NAD4</i>	Mitochondrial; PCR – RFLP	Forward: JOHE22508/SS (GGGAGAATTTGATTCAAGTGCAAC) Reverse: JOHE22509/SS (ATGATGTTGCATCTGGCATCATAC)	XmnI
CRAM – <i>NAD5</i>	Mitochondrial; PCR – RFLP	Forward: JOHE22510/SS (CTATTGGTGTTACAGGAGCTCAC) Reverse: JOHE22511/SS (GAGCCTTCATACCTGCCTTATTGTC)	MboII
CRNE – <i>STE20_Aα</i>	<i>MAT_Aα</i> specific; PCR (+/-)	Forward: JOHE39203/SS (GGCTGCAATCACAGCACCTTAC) Reverse: JOHE39204/SS (CTTCATGACATCACTCCCCTAT)	
CRNE – <i>STE20_Dα</i>	<i>MAT_Dα</i> specific; PCR (+/-)	Forward: JOHE39207/SS (CTTAATTCACAGCACCAGCCTA) Reverse: JOHE39208/SS (GGTCATCACAGTCAGTCACCAC)	
CRNE – <i>SXI2_Aa</i>	<i>MAT_Aa</i> specific; PCR (+/-)	Forward: JOHE39961/SS (CCAACAGAATGCGTCACCTC) Reverse: JOHE39962/SS (TTACTCCGATCTCTGCCCAC)	
CRNE – <i>SXI1_Dα</i>	<i>MAT_Dα</i> specific; PCR (+/-)	Forward: JOHE17409/SS (GCCGTGCAAGGGTGTAGG) Reverse: JOHE14895/SS (GGGCCATTGGAGGAAGCTG)	
CRNE – <i>NAD2</i>	Mitochondrial; PCR - RFLP	Forward: JOHE22520/SS (TATGATGGCCGTAGCGCTATC) Reverse: JOHE22521/SS (TGGTGGTACTCCTGCCATTG)	ScaI + PvuII
CRNE – <i>NAD5</i>	Mitochondrial; PCR (size polymorphism)	Forward: JOHE22510/SS (CTATTGGTGTTACAGGAGCTCAC) Reverse: JOHE22511/SS (GAGCCTTCATACCTGCCTTATTGTC)	

1: CRAM: markers analyzed for *C. amyloletus*; CRNE: markers analyzed for *C. neoformans*