

Supplementary Table 1 Anticodon usage of *A. niger* tRNA genes

	.U.	.C.	.A.	.G.	
U..	Phe 1	Ser 8	Tyr -	Cys -	..U
	Phe 10	Ser -	Tyr 8	Cys 4	..C
	Leu 2	Ser 2	Stop	Stop/3 ¹	..A
	Leu 3	Ser 4	Stop	Trp 1	..G
C..	Leu 9	Pro 9	His -	Arg 15	..U
	Leu -	Pro -	His 5	Arg -	..C
	Leu 2	Pro -	Gln 4	Arg 3	..A
	Leu 5	Pro 3	Gln 8	Arg 3	..G
A..	Ile 10	Thr 10	Asn -	Ser -	..U
	Ile -	Thr -	Asn -	Ser 6	..C
	Ile 1	Thr 2	Lys 3	Arg -	..A
	Met 11	Thr 3	Lys 14	Arg 1	..G
G..	Val 11	Ala 12	Asp 1	Gly -	..U
	Val -	Ala -	Asp 14	Gly 15	..C
	Val 1	Ala 8	Glu 7	Gly 6	..A
	Val 4	Ala 3	Glu 12	Gly 1	..G

269 tRNA were identified. The number behind the amino acid indicates the number of tRNAs identified. No tRNA genes for Asn were found.

¹SeC: selenocysteine