

Additional file 1 A. niger clusters derived from alternatively spliced unisequences

Cluster	Contigs	Similarity	Organism	ID	E value
1	Asp1 Asp48	Similar to mRNA splicing factor srp1	<i>Schizosaccharomyces pombe</i>	T48696	1E-23 6E-14
2	Asp2 Asp36	Similar to hypothetical protein AN4280.2	<i>Aspergillus nidulans</i>	EAA58818	1E-06 2E-47
3	Asp3 Asp279	hypothetical protein AN8791.2	<i>Aspergillus nidulans</i>	EAA60584	1E-80 1E-106
4	Asp4 Asp2183	glucoamylase	<i>Aspergillus niger</i>	AAP04499	2E-27 0
5	Asp5 Asp574 Asp25	Similar to hypothetical protein AN2767.2	<i>Aspergillus nidulans</i>	EAA63201	1e-76 1E-46 4E-24
6	Asp6 Asp22 Asp1810	hypothetical protein AN2289.2d	<i>Aspergillus nidulans</i>	EAA64400	nf nf 1E-144
7	Asp7 Asp55	Homologous to suaprga1	<i>Emericella nidulans</i>	CAB62571	8e-80 5E-57
8	Asp8 Asp50	hypothetical protein AN0856.2	<i>Aspergillus nidulans</i>	EAA65686	8E-69 5E-23
9	Asp9 Asp77	Similar to cutinase transcription factor 1 beta	<i>Haematonectria haematococca</i>	P52959	1E-12 9E-17
10	Asp10 Asp65	Weakly similar to hypothetical protein an6091.2	<i>Aspergillus nidulans</i>	EAA58066	6E-23 1E-33
11	Asp11 Asp51	Similar to hypothetical protein an0129.2	<i>Aspergillus nidulans</i>	EAA65307	4e-20 nf
12	Asp12 Asp1754	hypothetical protein AN3371.2	<i>Aspergillus nidulans</i>	EAA63339	nf 1E-87
13	Asp13 Asp75	Homologous to chaperonin cct4	<i>Neurospora crassa</i>	T49506	2E-95 4E-94
14	Asp14 Asp63	hypothetical protein AN2464.2	<i>Aspergillus nidulans</i>	EAA64170	3E-96 3E-24
15	Asp15 Asp1382	Homologous to benzoylformate decarboxylase	<i>Neurospora crassa</i>	CAD70458	2E-88 1E-110
16	Asp16 Asp96	Similar to peroxisomal membrane protein per10	<i>Neurospora crassa</i>	T49696	4E-49 4E-09
17	Asp17 Asp98	hypothetical protein	<i>Neurospora crassa</i>	XP_324525	3E-53 4E-21
18	Asp18 Asp784 Asp400	Similar to hypothetical protein an7686.2	<i>Aspergillus nidulans</i>	EAA61872	5E-12 9E-33 2E-39
19	Asp19 Asp875	Weakly similar to hypothetical protein	<i>Neurospora crassa</i>	XP_324007	7E-14 3E-47
20	Asp20 Asp416	UV-endonuclease	<i>Neurospora crassa</i>	S55262	5E-12 2E-68
21	Asp21 Asp47	conserved hypothetical protein	<i>Aspergillus nidulans</i>	EAA66134	2E-81 3E-65

22	Asp23 Asp92	Not found			nf nf
23	Asp24 Asp72	hypothetical protein AN5146.2	<i>Aspergillus nidulans</i>	EAA62327	8E-78 1E-78
24	Asp26 Asp1485	hypothetical protein AN6169.2	<i>Aspergillus nidulans</i>	EAA57955	1E-69 1E-150
25	Asp27 Asp1402	Weakly similar to predicted protein	<i>Neurospora crassa</i>	XP_325927	nf 2E-07
26	Asp28 Asp270	hypothetical protein AN8098.2	<i>Aspergillus nidulans</i>	EAA59720	nf 4E-09
27	Asp29 Asp67	Similar to udp-glucose:sterol glycosyltransferase	<i>Leptosphaeria maculans</i>	AAM81359	2E-26 3E-30
28	Asp30 Asp56	phosphatidylserine synthase	<i>Triticum aestivum</i>	AAD10497	3E-59 4E-35
29	Asp31 Asp1160	Similar to hypothetical protein an9515.2	<i>Aspergillus nidulans</i>	EAA66749	4E-25 5e-37
30	Asp32 Asp100	Not found			nf nf
31	Asp33 Asp93	hypothetical protein AN4292.2	<i>Aspergillus nidulans</i>	EAA60044	6E-29 5E-09
32	Asp34 Asp82	hypothetical protein AN5226.2	<i>Aspergillus nidulans</i>	EAA62407	4E-69 1E-26
33	Asp35 Asp1454	putative mitochondrial phosphate carrier protein	<i>Tuber magnatum</i>	CAB55764	3E-59 1E-49
34	Asp43 Asp1121	hypothetical protein AN4476.2	<i>Aspergillus nidulans</i>	EAA60819	3E-42 3E-45
35	Asp45 Asp1725	Similar to yeast cortical cytoskeleton component; mammalian cofilin homolog; Cofilp	<i>Saccharomyces cerevisiae</i>	NP_013050	2E-19 1E-23
36	Asp59 Asp2136	Homologous to mitochondrial processing peptidase beta subunit, mitochondrial PRECURSOR	<i>Neurospora crassa</i>	XP_331748	1E-69 0
37	Asp61 Asp2075	transcription factor HACA	<i>Aspergillus niger</i>	AAQ73495	5E-93 6E-97
38	Asp76 Asp2098	Alternative oxidase, mitochondrial precursor	<i>Aspergillus niger</i>	O74180	1E-115 0
39	Asp79 Asp1663	Similar to pali	<i>Emericella nidulans</i>	CAA07588	3E-36 3E-59
40	Asp83 Asp2043	histone h2b	<i>Emericella nidulans</i>	P23754	nf 3E-44
41	Asp91 Asp1621	Similar to hypothetical protein an4699.2	<i>Aspergillus nidulans</i>	EAA60741	2E-14 1E-125
42	Asp97 Asp964	hypothetical protein AN8880.2	<i>Aspergillus nidulans</i>	EAA64094	3E-67 1E-100
43	Asp295 Asp1632	Similar to endosomal protein that regulates cell polarity; similar to ynr048wp and Lem3p; Cdc50p	<i>Saccharomyces cerevisiae</i>	NP_010018	1E-71 1E-49
44	Asp488 Asp1972	hypothetical protein AN1274.2	<i>Aspergillus nidulans</i>	EAA65867	9E-59 1E-155

45	Asp525 Asp1679	hypothetical protein AN0446.2	<i>Aspergillus nidulans</i>	EAA66545	3E-48 0
46	Asp646 Asp1040 Asp1976	hypothetical protein AN5840.2	<i>Aspergillus nidulans</i>	EAA58349	1E-11 1E-11 3E-73
47	Asp680 Asp1473	hypothetical protein AN3310.2	<i>Aspergillus nidulans</i>	EAA63278	3E-40 4E-40
48	Asp769 Asp1872	hypothetical protein AN2992.2	<i>Aspergillus nidulans</i>	EAA63563	4E-18 1E-114
49	Asp813 Asp1021	hypothetical protein AN3973.2	<i>Aspergillus nidulans</i>	EAA59444	1E-41 2E-93
50	Asp1046 Asp2150	putative thiazole synthase	<i>Emericella nidulans</i>	BAD04053	4E-82 1E-171
51	Asp1089 Asp1919	Similar to serine palmitoyltransferase 2, putative	<i>Aspergillus fumigatus</i>	CAE47913	7E-71 0
52	Asp1336 Asp1749	Subunit IV of cytochrome c oxidase, which is the terminal member of the mitochondrial inner membrane electron transport chain; N-terminal 25 residues of precursor are cleaved during mitochondrial import; Cox4p	<i>Saccharomyces cerevisiae</i>	NP_011328	4E-25 3E-29
53	Asp1371 Asp2170 Asp2165	putative Woronin body protein AoHex1	<i>Aspergillus oryzae</i>	BAD20636	9E-34 2E-64 7E-13
54	Asp1617 Asp2140	Weakly similar to antifungal protein precursor	<i>Penicillium chrysogenum</i>	JC4564	1E-08 2E-13
55	Asp1661 Asp1860	Not found			nf nf
56	Asp1820 Asp2161	Similar to hypothetical protein an8483.2	<i>Aspergillus nidulans</i>	EAA67105	1E-09 2E-15

nf- no significant homology was found