

Supplemental Table I. Sequence analysis of tags extracted from three RL-SAGE clones of rice, maize and *M. grisea* libraries

| Tag No | Tag Sequence | EST/Gene Accession No | EST/Gene Function | Genomic DNA Accession No |
|--------|------------------------|-----------------------|------------------------|--------------------------|
| Rice | | | | |
| 1 | CATGTAGTTCGGATTCTTGGC | C99333 | Unknown | AE017094 |
| 2 | CATGTTGGGTTTATTTGTGTG | CB655712 | Unknown | AL606610 |
| 3 | CATGTTCCGGCTGCACCGATGC | RICRUBPC2 | RuBiscCo small subunit | - |
| 4 | CATGGCGCCCGTCGCCGAGGG | AK104462 | Unknown | AP003261 |
| 5 | CATGGGGTAGGCCTGGATTCC | AK103072 | Unknown | AP003794 |
| 6 | CATGTAGCTAAAAGCAAGACG | AK107775 | Unknown | AB023482 |
| 7 | CATGGATAATATTGATGATCT | - | - | AL954825 |
| 8 | CATGAGCTTTTCACTAAAAAA | - | - | - |
| 9 | CATGCTTGCCGTTGCTTGTT | CA753969 | Light-induced protein | - |
| 10 | CATGCCTAATCTAGGGTAGAA | - | - | - |
| 11 | CATGACAAGTTTTTGTTAATA | AB110180 | RuBisCo activase | - |
| 12 | CATGACTTGTAGGAAAATTTA | - | - | - |
| 13 | CATGCTTGAATTTATCTGCCT | - | - | AE017122 |
| 14 | CATGGCTCACAAAAAAAAAAG | - | - | - |
| 15 | CATGCGAGGGGTGAAACGACG | AK110903 | Unknown | - |
| 16 | CATGGTGCAGCAGTACCATAT | CD921622 | Unknown | AP004849 |
| 17 | CATGCAGGATATCTATCTAAG | - | - | AL662953 |
| 18 | CATGTTCTGCTCCATTGTTGC | CB656072 | Unknown | - |
| 19 | CATGTAATGACTAAATGAGAT | AK065877 | Unknown | AP003847 |
| 20 | CATGCTGCTGGATGTAGTAGA | D29721 | Ribosomal L19 | AC134885 |
| 21 | CATGGCCGTTCTTAGTTGGTG | CF324485 | Unknown | - |
| 22 | CATGAATGCAGATGTTTAGCC | - | - | - |
| 23 | CATGTAATGGTAATCTCTTTT | BI806061 | Unknown | - |
| 24 | CATGGAATGAAATGAAATGAA | - | - | AP004867 |
| 25 | CATGTAAATAAGTAAGTTTGC | - | - | AP002521 |
| 26 | CATGTCGGACGTACATCGTTG | - | - | - |
| 27 | CATGTTGTGTTTCATTTGTTCT | - | - | AP005258 |

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|----|------------------------|------------|---------|----------|
| 28 | CATGTTGGCTATGTTGTGTAA | AK104175 | Unknown | - |
| 29 | CATGTAACAGCGAGCAGGGCC* | AY072712.1 | Ramy1 | AP000570 |
| 30 | CATGACCCTGATACCCGATGG | AK070047 | Unknown | AP003683 |
| 31 | CATGGAGAGAGGGAAGGAAGG | AK060886 | Unknown | AP003144 |
| 32 | CATGATTCTATCAGGGACGAG | - | - | AP005406 |
| 33 | CATGTATTTGTCATTCTTAGT | AK108424 | Unknown | AP000367 |
| 34 | CATGGCGACGCATCGCCTTCA | X13909 | CAB2R | AP003278 |
| 35 | CATGAAATCGAGGCTAGCGGC | AY224579 | Unknown | - |
| 36 | CATGGCGGCAAAGCAAGCGGC | X 16099 | PALS | - |
| 37 | CATGTAACAGCGAGCAGGGCC* | AY072712 | Ramy1 | AP000570 |
| 38 | CATGATGGAATGTGAGACAAG | - | - | AL606450 |
| 39 | CATGCCTTGTTGATTGTGTAC | AF010321 | LHCA | AP003804 |
| 40 | CATGGTTGGGCGTGTGTCGGT | AK063598 | Unknown | AC092557 |

Maize

| | | | | |
|----|-----------------------|----------|------------|----------|
| 1 | CATGTTATGCTCTGGTGAATT | BG840838 | Unknown | - |
| 2 | CATGATTAATGCTTTAGAAA | BM380513 | Unknown | - |
| 3 | CATGCATTGCTGTGATGAATG | CF029406 | Unknown | - |
| 4 | CATGAAACTGTTATCGGGGAC | CF064346 | Unknown | - |
| 5 | CATGCTAGCTTCTTTATGTTG | AU101368 | Unknown | - |
| 6 | CATGGAACCATACTCTAAGGC | AF441191 | Calmodulin | AP003818 |
| 7 | CATGGCGGCAAAGCAAGCGGC | CF328516 | Unknown | - |
| 8 | CATGTGTTCCCTACTTTCAG | CF337008 | Unknown | - |
| 9 | CATGTGGAGCTTATGTAATGA | CB650521 | Unknown | - |
| 10 | CATGCAAGTCGAACGGGAAGT | AY108281 | Unknown | AE017114 |
| 11 | CATGTCGGACGTACATCGTTA | - | - | - |
| 12 | CATGGATAATGTTTTTGCT | AY104278 | Unknown | - |
| 13 | CATGCCAGGACATCAAAAAA | - | - | - |
| 14 | CATGCCCCGACCGCTCCGCTT | - | - | - |
| 15 | CATGAAATTTCTTTCCAATTT | - | - | - |
| 16 | CATGTAAATTTGAGCTTTGAA | - | - | - |
| 17 | CATGAGCGTCCGGAAGCAGAT | AY104482 | Unknown | - |
| 18 | CATGTCAGGTCAGGATCTAAT | AY107092 | Unknown | - |
| 19 | CATGTGTTCCCTAAAAAAA | - | - | - |
| 20 | CATGGTACAGTGATACTGCTT | - | - | - |
| 21 | CATGTATATAATCTTCACTAG | AK062172 | Unknown | - |

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|----|-----------------------|----------|---------|----------|
| 22 | CATGTAATGGTACATATCTCC | X68807 | Unknown | AP002969 |
| 23 | CATGGCAGATAGGCACGCTTC | AK109438 | Unknown | - |
| 24 | CATGCACAACCCAATATATAG | - | - | AP005052 |
| 25 | CATGGTTAGTGGTCAGTCTCG | AY109465 | Unknown | - |
| 26 | CATGGGTGATGAATGTGTACC | X83076 | Fer1 | - |
| 27 | CATGTGTAATTACAGATTACA | - | - | - |
| 28 | CATGCTGGTGCCTGATTCTG | - | - | - |
| 29 | CATGCCTTCATTCACCGTGGA | - | - | - |
| 30 | CATGAATCTGAGTTCGTTTTG | - | - | - |
| 31 | CATGCTCGTGGAAAATGCATA | - | - | - |
| 32 | CATGGTAAATCAAATGTACAA | - | - | - |

M. grisea

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|----|-------------------------|----------|---------|-----------------|
| 1 | CATGTTATGGGCAAATGGAA | CD035619 | Unknown | Contig 2.929*** |
| 2 | CATGGGGTGAAGGATAATGGG | - | - | Contig 2.238 |
| 3 | CATGGGCAAATTACACCAGGA | - | - | - |
| 4 | CATGGTGAGAAAAGGAAGAAT | - | - | Contig 2.206 |
| 5 | CATGATAAAAAAAAAAAAAAAAA | - | - | - |
| 6 | CATGGACGGTGACGGAAGTTT | - | - | - |
| 7 | CATGGTTGGTACCCTGACCGC | - | - | Contig 2.473 |
| 8 | CATGGCCGTTATTAGTTGGTG | - | - | - |
| 9 | CATGGTGCTTCCAGACACCA | - | - | Contig 2.636 |
| 10 | CATGAACCAGTACCAGGGACT | CD031621 | Unknown | - |
| 11 | CATGATGGTGAATACAGAACA | - | - | Contig 2.796 |
| 12 | CATGGGATGGCCGTTGTTAT** | CA408239 | Unknown | - |
| 13 | CATGAGCTCGCCGGCACCAAG | - | - | - |
| 14 | CATGGCAGTTCAGTTTTCTCC | CF278993 | Unknown | - |
| 15 | CATGGGATGGCCGTTGTTAT** | CA408239 | Unknown | - |
| 16 | CATGCCAAGAAGGGCAAGAA | BM866561 | Unknown | - |
| 17 | CATGAATAGGGTTTTTTAATT | BU645042 | Unknown | - |
| 18 | CATGACGCGCTCCGTTGATGA | - | - | Contig 2.692 |
| 19 | CATGAGTGTATGAGAAATAA | - | - | Contig 2.644 |
| 20 | CATGTCCAAGATTGAAAATTT | - | - | Contig 2.2049 |
| 21 | CATGATAACTTCTCGAAAAGC | - | - | - |
| 22 | CATGGTTTCGGCCAAGTTGGC | BU641190 | Unknown | - |
| 23 | CATGTATGTATATGGTATGAA | BM871385 | Unknown | - |

| | | | | |
|----|------------------------|----------|--------------------|---------------|
| 24 | CATGCCTGTTTCGAGCGTCATT | AY265323 | 5.8S ribosomal RNA | - |
| 25 | CATGGAGATGTACAAATGGGC | BU642751 | Unknown | - |
| 26 | CATGTCGAAAATCACCGTCGC | BM873037 | Unknown | - |
| 27 | CATGACTTAAACGAAATTTCT | BM866259 | Unknown | - |
| 28 | CATGGTACCTACCTAGACGAG | - | - | Contig 2.17 |
| 29 | CATGCACGGCTCACTCACTGT | - | - | Contig 2.916 |
| 30 | CATGTAAACTAATAATTATGA | CD031712 | Unknown | - |
| 31 | CATGTCGGACGTACATCGTTA | - | - | - |
| 32 | CATGAAGTTGAGCTATTCTAC | BU644716 | Unknown | - |
| 33 | CATGCACATAGTACAGGTGTT | - | - | Contig 2.1507 |
| 34 | CATGTTATGGGCAAATGGAA | BM871600 | Unknown | - |
| 35 | CATGTTATTTCTTCTAAAGT | - | - | Contig 2.689 |
| 36 | CATGCTAACTGTGCGATGA | - | - | Contig 2.632 |
| 37 | CATGTTGCCATAATCAAGTCT | - | - | - |
| 38 | CATGGATACAAACGACCGACA | - | - | - |

* Two copies in rice clone

** Two copies in *M. grisea* clone

*** *M. grisea* genomic contigs from <http://www-genome.wi.mit.edu/annotation/fungi/magnaporthe>.