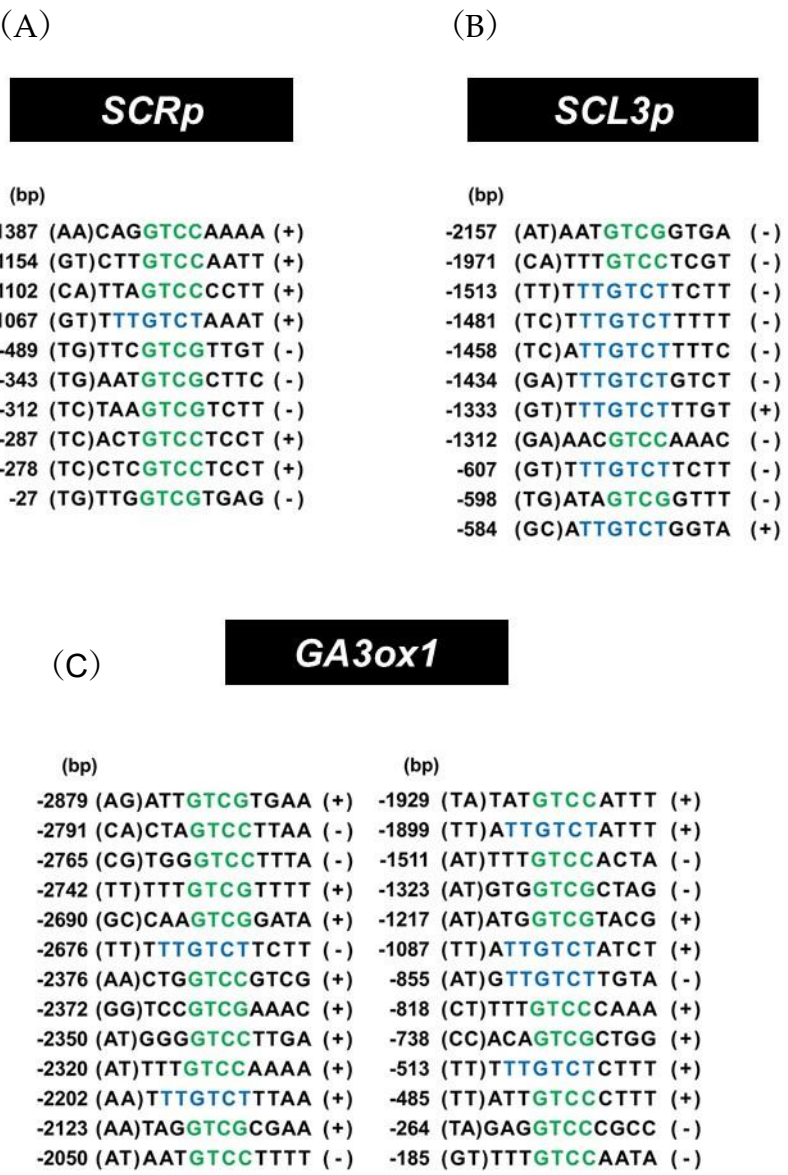
(A)
SCRp
(bp)
-1387 (AA)CAGGTCCAAAA (+)
-1154 (GT)CTTGTCCAATT (+)
-1102 (CA)TTAGTCCCCTT (+)
-1067 (GT)TTTGTCTAAAT (+)
-489 (TG)TTCGTCGTTGT (-)
-343 (TG)AATGTCGCTTC (-)
-312 (TC)TAAGTCGTCTT (-)
-287 (TC)ACTGTCCTCCT (+)
-278 (TC)CTCGTCCTCCT (+)
-27 (TG)TTGGTCGTGAG (-)
(B)
SCL3p
(bp)
-2157 (AT)AATGTCGGTGA (-)
-1971 (CA)TTTGTCCTCGT (-)
-1513 (TT)TTTGTCTTCTT (-)
-1481 (TC)TTTGTCTTTTT (-)
-1458 (TC)ATTGTCTTTTC (-)
-1434 (GA)TTTGTCTGTCT (-)
-1333 (GT)TTTGTCTTTGT (+)
-1312 (GA)AACGTCCAAAC (-)
-607 (GT)TTTGTCTTCTT (-)
-598 (TG)ATAGTCGGTTT (-)
-584 (GC)ATTGTCTGGTA (+)
(C)
GA3ox1
(bp)
-2879 (AG)ATTGTCGTGAA (+)
-2791 (CA)CTAGTCCTTAA (-)
-2765 (CG)TGGGTCCTTTA (-)
-2742 (TT)TTTGTCGTTTT (+)
-2690 (GC)CAAGTCGGATA (+)
-2676 (TT)TTTGTCTTCTT (-)
-2376 (AA)CTGGTCCGTCG (+)
-2372 (GG)TCCGTCGAAAC (+)
-2350 (AT)GGGGTCCTTGA (+)
-2320 (AT)TTTGTCCAAAA (+)
-2202 (AA)TTTGTCTTTAA (+)
-2123 (AA)TAGGTCGCGAA (+)
-2050 (AT)AATGTCCTTTT (-)
(bp)
-1929 (TA)TATGTCCATTT (+)
-1899 (TT)ATTGTCTATTT (+)
-1511 (AT)TTTGTCCACTA (-)
-1323 (AT)GTGGTCGCTAG (-)
-1217 (AT)ATGGTCGTACG (+)
-1087 (TT)ATTGTCTATCT (+)
-855 (AT)GTTGTCTTGTA (-)
-818 (CT)TTTGTCCCAAA (+)
-738 (CC)ACAGTCGCTGG (+)
-513 (TT)TTTGTCTCTTT (+)
-485 (TT)ATTGTCCCTTT (+)
-264 (TA)GAGGTCCCGCC (-)
-185 (GT)TTTGTCCAATA (-)

(D)

PIN1

(bp)		
-1259	(AT)AAAGTCCGTAC	(-)
-935	(AT)AAGGTCGAAAT	(-)
-513	(GC)GGAGTCCAAAG	(-)
-401	(TT)TTTGTCGTATT	(+)
-150	(TT)TTTGTCCGTTG	(-)
-52	(CT)TTTGTCTTTAG	(-)
+10	(TA)GAAGTCCGCCG	(-)
+130	(GT)TTCGTCGCTCT	(+)
+238	(TC)ATTGTCCTCTC	(+)
+294	(TT)ATGGTCCAATC	(-)
+318	(GG)AGTGTCGAGAG	(-)
+385	(AT)GAGGTCGCCGG	(-)
+532	(AT)AATGTCGGAAT	(-)
+554	(AG)GTTGTCTTCCA	(-)
+614	(TG)TTCGTCGTTCT	(+)

(E)

YUC5

(bp)		
-2767	(TA)GGTGTCCATTG	(-)
-2733	(GA)TTGGTCGTGGT	(-)
-2662	(GC)TTCGTCGAACC	(+)
-2616	(TC)CTTGTCTAATT	(-)
-2451	(TT)ATTGTCCAGAA	(+)
-1975	(CA)AGCGTCCGTTG	(+)
-1868	(CA)TTCGTCGAAAG	(+)
-1833	(TT)TTTGTCCTTTA	(-)
-1783	(TT)TAGGTCCATTT	(-)
-1708	(CA)GCAGTCGGCAG	(+)
-1486	(AT)CTTGTCTCCAA	(+)
-1476	(CA)TTTGTCTTTTG	(-)
-1390	(TA)TTTGTCTGAAA	(-)
-1378	(AA)TTCGTCGATTT	(-)
-1182	(GT)TGCGTCGGTGA	(-)
-1146	(TT)TTGGTCCATCG	(-)

(bp)		
-657	(AT)ATGGTCCAAAT	(-)
-609	(GA)TTGGTCCATTG	(+)
-452	(TT)AGAGTCCGTTT	(-)
-439	(TC)AAAGTCCCATC	(+)
-212	(AC)TTCGTCCACTA	(+)
38	(CT)TCTGTCGGAGG	(-)
66	(TA)ACGGTCCTGTA	(+)
77	(TA)ATCGTCGGAGC	(+)
282	(GA)ACTGTCGTTTT	(-)
304	(CT)TGAGTCCTACG	(+)
350	(AG)TGTGTCCAGTC	(+)
368	(GT)CTCGTCGTATC	(-)
373	(CA)CTTGTCTCGTC	(-)
397	(AT)GTTGTCTTGAT	(-)
421	(TC)GGGGTCGGAGA	(+)
460	(CT)CCCGTCGCCAC	(-)

Figure S1. Sequences of candidates of IDD binding sequence in the promoter of (**A**) *SCR*, (**B**) *SCL3*, (**C**) *GA3ox1*, (**D**) *PIN1*, and (**E**) *YUC5*. Numbers indicate the nucleotide numbers from the ATG of each gene. GTC(G/C) are in green and MGP binding sequences are shown in blue. (+): sense, (-): anti-sense.

Table S1. Primers used in this study.

primer name	sequence
construction of vectors for yeast experiments	
AtIDD1 BamHI F	GGATCCGTATGCCGGTTGATTTAGAT
AtIDD1 PstI R	CTGCAGCGAACTTCTTCCAATGTC
AtIDD2 BamHI F	GGGATCCGTATGCCGGTAGATTTAGATAAC
AtIDD2 XhoI R	GCTCGAGTTATGATTTTCTTCTACTAATG
AtIDD3 EcoRI F	GAATTCATGACAACTGAAGATCAGAC
AtIDD3 BamHI R	GGATCCTCAAATCCATCCATTGATAG
AtIDD4 EcoRI F	GGAATTCATGTCGTCATCATCATATAAC
AtIDD4 PstI R	GCTGCAGTCAACCTCTTCCAAATGG
AtIDD5 BamHI F	GGATCCGTATGGCTGCTTCTTCATCC
AtIDD5 PstI R	CTGCAGGAAACTCGCATGATGGAT
AtIDD6 BamHI F	GGGATCCGGATGTCTTCATCGTACAAC
AtIDD6 SalI R	GGTCGACTCAAGCTTTGCCATATG
AtIDD7 EcoRI F	GGAATTCATGATGATGAACAGAGAC
AtIDD7 BamHI R	GGGATCCTTAATCTTGGTGGCTATG
AtIDD8 BamHI F	GGATCCGTATGACAAGTGAAGTTCTT
AtIDD8 PstI R	CTGCAGAATCCATCCATTGATAGA
AtIDD9 BamHI F	GGATCCGTATGATGATGCCAGATGAT
AtIDD9 PstIR	CTGCAGCTGGTTCATGTCGGCGGT
AtIDD10 BamHI F	GGATCCCGATGCAGATGATTCCAGGA
AtIDD10 PstI R	CTGCAGTCAACCCAATGGAGCAAACC
AtIDD11 EcoRI F	GGAATTCATGTTACTTCACCAGCATC
AtIDD11 PstI R	GCTGCAGCTATCCCTGCCAAGGCTTTG
AtIDD12 BamHI F	GGGATCCGGATGTTTTCTTCTCATTCCTTG
AtIDD12 PstI R	GCTGCAGTTACATACGATGGGCCCCTG
AtIDD14 EcoRI F	GAATTCATGATAGACTACGAGAGAAG
AtIDD14 PstIR	CTGCAGCTATGAAGATGCTCTATC
AtIDD15 EcoRI F	GAATTCATGAGAACAGATCAAGTG
AtIDD15 BamHI R	GGATCCAAAACCATTTTCCAACTC
AtIDD16 EcoRI F	GGAATTCATGATACATTACGAACAAAAC
AtIDD16 PstI R	CTGCAGTCACTCGCATTCTCCTTC
OsID1 EcoRI F	GGAATTCTTAGAAGTTGTGGCTCCAC
OsID1 SalI R	GGTCGACATGGCGGCGGCGCAGGAG
SHR EcoRI F	GAATTCATGGATACTCTCTTTAGACTA
SHR SalI R	GTCGACTTACGTTGGCCGCCACGCACT
SCL3 EcoRI F	GGAATTCATGGTGGCTATGTTTCAAG
SCL3 BamHI R	GGGATCCTCACTTCCTGCATCTCCAAG
GAI EcoRI F	GGAATTCATGAAGAGAGATCATC
GAI BamHI R	GGGATCCCTAATTGGTGGAGAGTTTCC
RGA BamHI F	GGATCCGTATGAAGAGAGATCATCAC
RGA PstI R	CTGCAGTCAGTACGCCGCCGTCGAG
RGL1 BamHI F	GGGATCCCGATGAAGAGAGAGCACAACCAC
RGL1 SalI R	GGTCGACTTATTCCACACGATTGATTC
RGL2 SalI F	GGTCGACCGATGAAGAGAGGATACGGAGAAAC
RGL2 PstIR	GCTGCAGTCAGGCGAGTTTCCACGCCG
RGL3 SalI F	GGTCGACGATGAAACGAAGCCATCAAG
RGL3 PstI R	GCTGCAGCTACCGCCGCAACTCCGCCG
SLR1 EcoRI F	GGAATCCATGAAGCGCGAGTACCAAG
SLR1 SmaI R	GCCCGGGTCACGCCGCGGCGACGCGCC
PIN1p a EcoRI F	GGAATTCTACATTCAAAAAAACTTC
PIN1p a XhoI R	GCTCGAGGAGCATTGGTCTGGTGTG
PIN1p b EcoRI F	GGAATTCGGCATAAACCGTTTCGTC
PIN1p +650 BamHI R	GGGATCCGTAAATATCAGACCTTGAAG
YUC5p a KpnI F	GGGTACCCAAAAGGAGATAATCTTC
YUC5p a XhoI R	GCTCGAGCCTATAATTATAAATTTG
YUC5p b KpnI F	GGGTACCTAGGTTTACTCTAAATAG
YUC5p b XhoI R	GCTCGAGGCTTTATGGTATATATTG
YUC5p c KpnI F	GGGTACCAGCAATTATATTATAATC
YUC5p c XhoI R	GCTCGAGTCCATCTTTAGGGGTGAG
YUC5p d KpnI F	GGGTACCGAGAACATGTTTAGGCTC
YUC5p +500 SalI R	GGTCGACGATCTCTGGAACAACTTTC

primer name	sequence
construction of vectors for transient assay	
AtIDD1 XbaI F	GTCTAGAATGCCGGTTGATTTAGATAA
AtIDD1 BamHI R	GGGATCCTTACGAACTTCTTCCAATGTC
AtIDD6 XbaI F	GCTCTAGAATGTCTTCATCGTACAACAC
AtIDD6 BamHI R	GGATCCTCAAGCTTTGCCATATGG
AtIDD10 XbaI EcoRI F	GCTCTAGAGAATTCATGCAGATGATTCCAGGAG
AtIDD10 XhoI R	GCCTCGAGTCAACCCAATGGAGCAAACC
AtIDD15 BamHI F	GGGATCCATGAGAACAGATCAAGTGATG
AtIDD15 SacI R	GGAGCTCTTAAAAACCATTTTCCAACTC
AtIDD16 XbaI F	GCTCTAGAATGGAGCTGACGCAACCC
AtIDD16 BamHI R	GCGGATCCTCACTCGCATTCTCCTTC
SHR EcoRI F	GAATTCATGGATACTCTCTTTAGACTA
SHR SalI R	GTCGACTTACGTTGGCCGCCACGCACT
SCR EcoRI F	GAATTCATGGCGGAATCCGGCGATTTC
SCR BamHI R	GGATCCCTAAGAACGAGGCGTCCAAG
SCL3 SalI F	GGTCGACATGGTGGCTATGTTTCAAG
SCL3 XbaI R	GTCTAGAATGGTGGCTATGTTTCAAG
RGA XbaI F	GTCTAGAATGAAGAGAGATCATCACCAATTCCAAG
RGA BamHI R	GGGATCCTCAGTACGCCGCCGTCGAGAGTTTCCAAGC
SCRp HindII F	AAGCTTACAAAAGTCTAAAAATTG
SCRp NcoI R	GCCCATGGGGAGATTGAAGGGTTGTTGG
SCL3p -2549 HindIII F	GAAGCTTTTGTAACGAAGTCTGTTGTTC
SCL3p -2266 HindIII F	GAAGCTTAATGAAGTCTTTTATAAG
SCL3p -1987 HindIII F	GAAGCTTGTATACACAAAAAGCTACG
SCL3p -1708 HindIII F	GAAGCTTTATGGATGCATATTTTTC
SCL3p -1655 HindIII F	GAAGCTTAAAAAAAAGTTGAGGTAC
SCL3p -1600 HindIII F	GAAGCTTTCTCTCTGGTCAATGGTC
SCL3p -1540 HindIII F	GAAGCTTAAAAACAAAGAGAGAGAG
SCL3p -1485 HindIII F	GAAGCTTGAAGAAAAAGACAAAGAG
SCL3p -1470 HindIII F	GAAGCTTGAGAAAAGTAATGAAAAG
SCL3p -1453 HindIII F	GAAGCTTGACAATGAACATTTAAAG
SCL3p -1437 HindIII F	GAAGCTTAGAAGACAGACAAATCCC
SCL3p -1422 HindIII F	GAAGCTTCCCACACCCAAGCCTCAG
SCL3p -992 HindIII F	GAAGCTTGGTGAAACTTCTCTTATC
SCL3p -425 NcoI R	GCCATGGGGTTCTCTCAATCTTTATCTC
SCL3p mutant 1 F	AGAGAAAAGTAATGAAAAGAACATTT
SCL3p mutant 1 R	TGTCTTCTTTAAATGTTCTTTTCAT
SCL3p mutant 2 F	AAGTAATGAAAAGACAATTTAAAGAA
SCL3p mutant 2 R	TTTGTCTGTCTTCTTTAAATTGTCT
SCL3p mutant 3 F	AGTAATGAAAAGACAATGGAAGACA
SCL3p mutant 3 R	TGGGATTTGTCTGTCTTCCATTGTCT
GA3ox1p HindIII F	GAAGCTTTAATGACACACAGTCACAC
GA3ox1p SalI R	GTCGACCTTGCTCTTTTTTAATTAG
PIN1p SalI F	GGTCGACTCCTCATTATATCATCAACC
PIN1p BamHI R	GGGATCCGTAAATATCAGACCTTGAAG
YUC5p PstI F	GCTGCAGCTACAACTACAAAGGGAGC
YUC5p SalI R	GGTCGACGATCTCTGGAACAACTTTC