

	gene WITH annotation	gene WITHOUT annotation
genes WITH cis_QTL at transband	Num=18 F36D3.2 F09C6.9 C29F3.6 T06E6.3 W08G11.4 F08E10.3 F11A5.12 F21H7.4 K06B4.4 F26D2.10 T10H4.11 Y102A5B.3 T09F5.9 Y102A5C.17 Y102A5C.16 T27C5.7 F57A10.2 R12G8.2	Num=25 C47E8.8 W06A7.5 T09F5.11 C29F3.7 T26H5.4 K06B4.3 Y6E2A.8 T06C12.10 F35E8.11 F44G3.10 F21H7.1 T13F3.6 F57E7.1 Y102A5C.1 Y102A5C.3 ZK218.4 ZK218.8 T19C9.8 F47H4.9 F47H4.10 F47H4.2 Y20C6A.1 C38D9.9 Y6G8.2 F59A1.8
gene with cis-Interaction effect at transband	/	Y75B12B.3
gene with both cis-QTL and cis-Interaction	/	T09F5.10
gene without statistically significant QTL or Interaction effect at transband	Num=451 Y49A3A.5 F56A12.1 F56A12.2 C15H11.1 C15H11.2 C15H11.3 C15H11.6 C15H11.5 C15H11.4 C15H11.7 C15H11.8 C15H11.9 F23B12.1 F23B12.5 F23B12.6 F23B12.7 F23B12.8 F08H9.1	Num=323 Y49A3A.3 Y49A3A.4 F23B12.9 F23B12.3 F23B12.4 F08H9.2 F08H9.3 F08H9.4 R02D5.7 R02D5.3 R02D5.4 R02D5.1 R02D5.6 C53A5.13 C53A5.8 C53A5.10 R11H6.4 F43D2.4

F08H9.6	F43D2.3
F08H9.5	F43D2.2
F08H9.7	C54G10.1
F08H9.8	C47E8.1
C53A5.2	C47E8.6
C53A5.1	R08A2.5
C53A5.3	R08A2.4
C53A5.4	R08A2.1
C53A5.5	Y50E8A.1
C53A5.6	Y50E8A.3
C53A5.9	Y50E8A.8
C53A5.11	Y50E8A.15
Y40H4A.2	Y50E8A.14
R11H6.1	Y50E8A.9
R11H6.2	Y50E8A.10
R11H6.3	Y50E8A.11
R11H6.5	Y50E8A.12
F43D2.1	C48G7.1
C54G10.2	W06A7.2
C54G10.3	W06A7.4
C54G10.4a	ZC412.4
C54G10.4b	ZC412.3
C47E8.3	ZC412.5
C47E8.5	ZC412.6
C47E8.4	ZC412.9
C47E8.7	H12D21.2
R08A2.3	H12D21.5
R08A2.2	H12D21.6
Y50E8A.2	H12D21.10
Y50E8A.4a	H12D21.9
Y50E8A.4b	W09D12.2
Y50E8A.5	F02D8.1
Y50E8A.6	F02D8.2
Y50E8A.7	F02D8.3
Y50E8A.16	T01C3.1
C48G7.3	T01C3.2
C48G7.2	T01C3.5
W06A7.3a	T01C3.8
W06A7.3b	T01C3.9
W06A7.3c	F14H8.2
ZC412.1	F14H8.5
ZC412.2	F14H8.4
H12D21.4	C25D7.4
H12D21.7	C25D7.5
H12D21.8	C25D7.9
W09D12.1	C25D7.8
C30G7.1	C25D7.10
F02D8.4	C01G10.11a
T01C3.3	C01G10.11b
T01C3.4	C01G10.8
T01C3.6	C01G10.6
T01C3.7	C01G10.5

T01C3.10	C01G10.4
F14H8.1	C01G10.3
F14H8.6	C01G10.2
C25D7.1	C01G10.13
C25D7.2	T01G5.4
C25D7.3	K08F9.2
C25D7.6	K08F9.4
C25D7.7	T09F5.2
C01G10.12	Y75B12B.1
C01G10.10	M01B2.4
C01G10.9	M01B2.3
C01G10.7	M01B2.8
C01G10.1	M01B2.10
C01G10.14	T10H4.4
T01G5.7	T26H8.3
T01G5.6	ZK1037.3
T01G5.1	ZK1037.6
T01G5.2	C29F3.3
T01G5.3	R08H2.8
K08F9.1	T06E6.11
K08F9.3	T06E6.10
T09F5.1	T06E6.13
T09F5.5	Y36E3A.1
T09F5.7	T23F1.5
T09F5.3	T23F1.6
T09F5.8	C06B8.2a
Y75B12B.2	C06B8.2b
Y75B12B.4	F21A3.3
Y75B12B.5	F21A3.4
Y75B12B.6	F28F8.4
Y75B12B.7	F28F8.5
C41G6.11	F28F8.7
C41G6.14	B0391.10
C41G6.10	B0391.9
C41G6.9	B0391.5
C41G6.6	C55A1.9
C41G6.7	C55A1.6
C41G6.8	C55A1.8
C41G6.1	F53E4.1
C41G6.3	K06B4.9
C41G6.15	Y6E2A.4
C41G6.5	Y6E2A.5
M01B2.6	Y6E2A.7
M01B2.1	T23D5.3
M01B2.9	F57A10.4
M01B2.7	T26E4.2
T10H4.3	T26E4.5
T10H4.5	T26E4.4
T10H4.6	T26E4.7
T10H4.8	T26E4.10
T10H4.9	T26E4.9
T10H4.10	F54B8.1

T10H4.2	F54B8.3
T10H4.12	F54B8.4
T26H8.2	F54B8.5
ZK1037.1	F54B8.8
ZK1037.4	F54B8.9
ZK1037.5	F54B8.10
ZK1037.7	F54B8.12
ZK1037.8	F54B8.11
ZK1037.9	K08G2.7
ZK1037.10	T06C12.4
C29F3.2	T06C12.12
C29F3.5	T06C12.14
C29F3.4	F35E8.1
C29F3.1	F35E8.2
R08H2.9	F35E8.6
R08H2.10	F35E8.7
R08H2.7	F35E8.8
R08H2.5	F35E8.9
R08H2.4	F35E8.10
R08H2.1	T05G11.2
R08H2.2	F36G9.3
R08H2.13	F36G9.7
R08H2.3	F36G9.6
T06E6.1	F36G9.5
T06E6.2b	F36G9.14
T06E6.4	F36G9.13
T06E6.5	F36G9.15
T06E6.7	C06C6.6
T06E6.6	C06C6.7
T06E6.8	C06C6.9
T06E6.9	C06C6.8
T26H5.3	T10C6.4
T23F1.3	T10C6.5
T23F1.4	T10C6.7
T23F1.7a	T10C6.9
T23F1.7b	T10C6.10
C06B8.1	F14H3.3
C06B8.3	F14H3.5
C06B8.4	F14H3.6
C06B8.6	F14H3.9
C06B8.7	F22B8.4
C06B8.8	F22B8.7
F21A3.1	F44G3.6
F21A3.2	F44G3.8
F21A3.5	F10A3.1
F21A3.6	F10A3.2
F28F8.1	F10A3.3
F28F8.2	F10A3.4
F28F8.3	F10A3.11
F28F8.6	K05D4.3
B0391.11	F11A5.6
B0391.4	F11A5.13

B0391.3	F21H7.2
C55A1.1	F21H7.12
C55A1.3	F21H7.3
C55A1.5	T13F3.4
K06B4.1	T13F3.5
K06B4.2	F28G4.2
K06B4.5	F28G4.4
K06B4.7	F28G4.3
K06B4.6	C31A11.3
K06B4.8	C31A11.4
K06B4.10	F57G8.7
K06B4.11	W08G11.1
K06B4.12	W08G11.3
Y6E2A.1	F13A7.7
Y6E2A.2	F13A7.9
Y6E2A.6	F13A7.11
T23D5.2	F26D2.13
T23D5.1	F26D2.14
T23D5.6	T08G3.6
T23D5.7	T08G3.8
T23D5.8	T08G3.11
T23D5.10	F57E7.2
T23D5.9	Y32B12A.4
T23D5.11	F36D3.1
F57A10.1	F36D3.3
F57A10.3	F36D3.8
F57A10.5	Y32B12B.1
T26E4.1	Y32B12B.2
T26E4.3	Y32B12B.3
T26E4.8	Y32B12B.4
T26E4.11	T03E6.8
T26E4.12	Y32B12C.3
T26E4.14	Y70C5A.2
T26E4.15	W06G6.2
F54B8.2	W06G6.13
F54B8.6	W06G6.6
K08G2.5	W06G6.7
T06C12.2	W06G6.8
T06C12.3	W06G6.9
T06C12.6	W06G6.10
T06C12.7	W06G6.11
T06C12.8	W06G6.12
T06C12.9	Y70C5B.1
T06C12.11	F14F8.8
T06C12.13	F14F8.3
T06C12.1	F14F8.4
F35E8.12	Y70C5C.5
T05G11.3	T25E12.11
T05G11.4	T25E12.6
T05G11.6	T25E12.4b
H24D24.2	W06H3.1
H24D24.1	T20B3.14

F36G9.1	T20B3.2
F36G9.2	T20B3.8
F36G9.9	F49A5.6
F36G9.8	F09C6.1
F36G9.11	F09C6.2
F36G9.12	F09C6.6
C06C6.5a	F09C6.10
C06C6.5b	Y102A5C.2
C06C6.4	Y102A5C.4
C06C6.3	Y102A5C.9
C06C6.2	Y102A5C.10
T10C6.2	Y102A5C.12
T10C6.1	Y102A5C.13
T10C6.3	Y102A5C.19
T10C6.6a	Y102A5C.23
T10C6.6b	Y102A5C.25
T10C6.11	Y102A5C.27
T10C6.13	Y102A5C.33
ZK285.1	F49H6.3
F14H3.2	F49H6.12
F14H3.4	F49H6.8
F14H3.7	F49H6.11
F14H3.8	F28B1.1
F14H3.10	F28B1.2
F14H3.11	F28B1.3
F14H3.1	F28B1.4
F14H3.12	F28B1.5
F22B8.1	T05E12.2
F22B8.3	T05E12.6
F22B8.5	ZK218.1
F22B8.6	ZK218.3
F44G3.2	ZK218.5
F44G3.5	ZK218.7
F44G3.11	ZK218.11
F44G3.1	Y102A5D.1
F44G3.9	F40D4.13
F44G3.7	F40D4.12
F10A3.9	F40D4.7
F10A3.8	F40D4.6
F10A3.7	Y68A4A.2
F10A3.6	Y68A4A.5
F10A3.5	T19C9.1
F10A3.12	T19C9.6
F10A3.13	Y68A4B.3
F10A3.15	K10G4.3
K05D4.4	K10G4.1
K05D4.2	K10G4.4
K05D4.6	K10G4.5
F11A5.1	Y61B8B.2
F11A5.2	F31E9.6
F11A5.3	F31E9.5
F11A5.4	F31E9.1

F11A5.5	F31E9.3
F11A5.7	F31E9.4
F11A5.8	F47H4.4
F11A5.9	F47H4.6
F11A5.10	F47H4.7
F21H7.5	F47H4.8
F21H7.7	F47H4.11
F21H7.11	Y20C6A.2
F21H7.9	Y20C6A.3
T13F3.2	T27C5.2
T13F3.3	T27C5.8
T13F3.1	F20E11.1
F28G4.1	F20E11.5
F28G4.5	F20E11.6
C31A11.5	F08E10.2
C31A11.6	K03D7.9
C31A11.7	K03D7.8
C31A11.9	K03D7.7
F57G8.1	C18D4.1
F57G8.8	C18D4.9
F57G8.3	C18D4.4
F57G8.4	C18D4.3
F57G8.5	C18D4.6a
F13A7.3	C18D4.6b
F13A7.1	C18D4.8
F13A7.8	C38D9.7
F13A7.10	C38D9.6
F13A7.2	C38D9.1
F26D2.2	C38D9.4
F26D2.4	Y6G8.1
F26D2.7	F57G4.1
F26D2.9	F57G4.2
F26D2.11	F57G4.4
F26D2.1	F57G4.5
F26D2.12	F57G4.6
T08G3.4	F57G4.9
T08G3.5	F57G4.8
T08G3.2	F59A1.7
T08G3.1	F59A1.10
T08G3.3	F59A1.11
T08G3.7	F59A1.12
T08G3.10	F59A1.6
F57E7.3	Y26G10.1
Y32B12A.1	W06D12.6
Y32B12A.3	W06D12.1
F36D3.6	
F36D3.5	
F36D3.4	
F36D3.10	
F36D3.9	
Y32B12B.6	
Y32B12B.5	

T03E6.1  
T03E6.3  
T03E6.2  
T03E6.4  
T03E6.6  
T03E6.5  
T03E6.7  
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Y32B12C.2  
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F14F8.7  
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Y70C5C.1  
Y70C5C.2  
Y70C5C.3  
Y70C5C.4  
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F09C6.4  
F09C6.7  
F09C6.8  
Y102A5C.7  
Y102A5C.8  
Y102A5C.14  
Y102A5C.15  
Y102A5C.18  
Y102A5C.21  
Y102A5C.22  
Y102A5C.24



Y102A5C.28  
Y102A5C.29  
Y102A5C.31  
Y102A5C.32  
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F49H6.4  
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F49H6.7  
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Y61B8A.2  
K10G4.2  
Y61B8B.1  
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F08E10.7  
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C47A10.4