

Table 1. Novel genes whose transcripts accumulated to at least two-fold higher levels in epidermal than in vascular tissues or total coleoptiles¹

EST clone no. (contig no.) ²	Accession no.	Relative expression levels (ratio of signal intensities ³)
486019C07	AI491598	E>C (4.01)
486020B11	AI491648	E>V (2.43)
486020H10	AI491699	E>V (2.35)
486041G12	AI629902	E>V (8.55)
486047D05	AI586565	E>C (3.75)
486047F07	AI586567	E>C (2.44)
486049E11	AI586613	E>C (3.36)
486051C06	AI586452	E>V (2.45)
486066C08	AI600630	E>C (3.06) E>V (3.19)
486070G06	AI600385	E>C (2.61)
486072B04	AI600818	E>C (3.42)
486072D03	AI600825	E>C (2.21)
486073D01	AI619100	E>C (2.25)
486075B05	AI600462	E>C (2.36)
486075B07	AI600464	E>C (2.87)
486076H11	AI600562	E>C (2.20)
486089G11	AI615168	E>V (4.55)
486091H11	AI619336	E>C (2.74)
486092A01	AI621486	E>C (2.99)
486093B02	AI619346	E>C (2.61)
486095E07	AI615250	E>C (2.22)
496022B08	AI973391	E>V (2.56)
496026D02	AI974882	E>V (5.28)
603009D07 (6)	AI855174	E>V (2.58)
603010F04	AI855228	E>V (2.82)
603024C11	AI947586	E>C (3.00)
603032A11	AI947981	E>V (2.54)
603036A12	AI948123	E>C (2.47)
606021H07	AI714875	E>V (2.21)
606022G05	AI691623	E>V (2.76)
606025C02	AI691183	E>C (3.18) E>V (3.46)
606027D02	AI715043	E>C (2.17) E>V (2.28)

614028G09	AW042451	E>C (15.99) E>V (3.37)
614055D02	AW065457	E>V (4.22)
614058A04	AW000126	E>V (2.29)
614060F02	AW065715	E>V (2.88)
614064C06	AW076179	E>C (2.50) E>V (3.45)
614067A04	AW018111	E>V (2.72)
614067B02 (5)	AW090946	E>V (4.58)
614070B12	AW018229	E>C (4.60)
614083A09	AW055533	E>C (2.97) E>V (4.07)
614083C09	AW120085	E>V (12.70)
614086D02 (6)	AW120189	E>V (3.32)
614087B12	AW059968	E>C (2.85)
614087C05	AW120242	E>V (4.61)
614091F05	AW146995	E>V (2.06) E>C (2.69)
614091G05	AW091160	E>C (2.18)
614102H10	AW126565	E>V (2.66)
618010E12	AI901818	E>C (2.56)
618045C10	AI943763	E>C (2.38)
687043F06	AW331603	E>C (2.78)
687063C03	AW231360	E>C (3.08)
707041G03	AW331524	E>V (5.14)
707061C06	AW400059	E>V (2.82)
707061E09	AW400072	E>C (2.45)
707083B04	AW455616	E>C (3.04) E>V (6.04)
707083B11	AW455619	E>C (3.32) E>V (4.53)
945029H08	BE025529	E>V (2.27)
MEST23-C07	BG841578	E>V (2.76)
MEST29-C07 (5)	BG842301	E>V (2.65)
MEST35-A03	BG842004	E>C (2.97)

¹ Significant difference ($p < 0.05$) determined by one-tailed Student's t test

² ESTs with the same contig number cluster with CAP3 (Huang and Madan, 1999)

³ N, blastn; X, blastx

⁴ V, vascular tissues; C, coleoptiles; E, epidermal cells