Supplementary TABLE S1

Primer sequences used in this study

Protein name	AGI	Added restriction site (Forward - Reverse)	Expressed protein	Sequence of forward primer (restriction site is underlined)	Sequence of reverse primer (restriction site is underlined)
CsAOR (degenerate)	-	-	-	GTIGGIGA(C/T)GA(A/G)GTITA(C/T)GG	TCIA(A/G)(A/G)TAIGC(A/G)AAIGC(A/G)TC
CsChlAOR	-	-	-	GCTAGCACTGGGAAGTTAGA (for 3'RACE)	ATTTCTCTTCTACGGCCGTG (for 5' RACE)
		*Bam*HI (F)- *Xho*I (R)	ORF	AAGGATCCATGGCAGCGATTCTCGCATC	AACTCGAGTCATGGGATTGGATGTATGA
	-	*Sal*I (F) – *Nco*I (R)	ORF + GFP	AAAGTCGACATGGCAGCGATTCTCGCATC	AACCATGGATGGGATTGGATGTATGACT
CsCytAOR	-	-	-	CATTCCCATTCTCTGATACC (for 3'RACE)	AGGGGAAAGCCCGGCCCGTT (for 5' RACE)
	-	*Bam*HI (F) – *Eco*RI (R)	ORF	AAGGATCC ATGAAGGCCTGGGTTTACCAT	AAGAATTC CTATGGGATGGGATAAATCAC
	-	*Sal*I (F) – *Nco*I (R)	ORF + GFP	AAAGTCGACATGGCTGCCGTTCCTATTCC	AACCATGGATGGGATGGGATAAATCACA
AtAOR	At1g23740	*Bam*HI (F)- *Sal*I (R)	ORF	AAGGATCCATGAAGGCGTGGGTGTATAGTG	AAGTCGAC TTAAGGAATGGGATAAACAACG
Alcohol dehydrogenase	At2g29350	*Eco*RI (F) – *Sal*I (R)	ORF	AAGAATTCATGGCAAAGGAAGGGGGCTTGGGA	AAGTCGAC TTATGGCATAGTCTTGAAGGAAAA
Alcohol dehydrogenase	At4g13180	*Eco*RI (F) – *Sal*I (R)	ORF	AAGAATTCATGGAGAATAATCCAAGAAGCTCA	AAGTCGAC TTAGACAACAAAGCCTCCATTGGC
CBR-like enzyme	At1g01800	*Eco*RI (F) – *Sal*I (R)	ORF	AAGAATTCATGGCAGACCCAAGAGTTGCAGTT	AAGTCGAC TCAAAsAGTTGGAGACATTGGCGCG
AtCytADH	At3g61220	*Bam*HI (F)- *Sal*I (R)	ORF	AAGGATCC ATGGCAGAGGAAACTCCAAGATAT	AAGTCGAC TCAGAATTCTGAAACTTGCTTGCG
	At3g61220	*Sal*I (F) – *Nco*I (R)	N-terminal + GFP	AAGTCGAC ATGGCAGAGGAAACTCCAAGATAT	AACCATGG CATAGTAGTTTATCTTGATGCATT
AtCytADH	At2g24190	*Eco*RI (F) – *Sal*I (R)	ORF	AAGAATTC ATGGCTGAGGAATCACCAAGATAT	AAGTCGAC TCAGAACTCTGAAACTTGTTTGCG
AtChlADH	At3g04000	*Eco*RI (F) – *Sal*I (R)	ORF	AAGAATTC ATGGCTGCAGCGTCATCAGTTTCT	AAGTCGAC TTACAAGAGACAGCCACCATTAGC
	At3g04000	*Sal*I (F) – *Nco*I (R)	N-terminal + GFP	AAGTCGAC ATGGCTGCAGCGTCATCAGTTTCT	AACCATGG CTGAGATAGTGGAATGATTAGGAT
AtChlADH	At1g54870	*Eco*RI (F) – *Sal*I (R)	ORF	AAGAATTC ATGAATGTGTTGTGTCGAGTGTTC	AAGTCGAC TTACGCATTTACCACAGCTCCTCC
	At1g54870	*Sal*I (F) – *Nco*I (R)	N-terminal + GFP	AAGTCGAC ATGAATGTGTTGTGTCGAGTGTTC	AACCATGG AAACATCGATGCGGCCAAAAGCAT
AtChlAKR	At2g37770	*Bam*HI (F)- *Sal*I (R)	ORF	AAGGATCC ATGGCAAATGCGATCACATTTTTC	AAGTCGAC TCATATCTCTGCCATCCCATAATT
	At2g37770	*Sal*I (F) – *Nco*I (R)	N-terminal + GFP	AAGTCGAC ATGGCAAATGCGATCACATTTTTC	AACCATGG CCGAATCGTATAGTGCTTCCATCG
AKR	At2g37760	*Eco*RI (F) – *Sal*I (R)	ORF	AAGAATTC ATGGCAGCTCCGATTCGATTCTTT	AAGTCGAC TCAAATTTCACCGTCCCACAATTC
AKR	At1g06690	*Bam*HI (F)- *Sal*I (R)	ORF	AAGGATCC ATGGCCATGGCTACGCACTTCACC	AAGTCGAC TCAGAGATACTCAACAGGGAAACC
AKR	At2g27680	*Eco*RI (F) – *Sal*I (R)	ORF	AAGAATTC ATGCCTGTGTCCGTACATTCCGTT	AAGTCGAC TCATATACGTCGGTATTCGTCTCC
AKR	At1g04420	*Eco*RI (F) - *Xho*I (R)	ORF	AAGAATTC ATGGCGTCATCTTACGTCAC CTAC	AACTCGAGTCAAACGAAAGAAGGGTCTTTGAAC