

Cucsa.322750.seqATGAGCGCTTCAAGGTTCAATCAAGTGCCTCACCGTTGGAGATGGAGCTTTGGCAAAC	59
ROP5_Clone.seq	TTGATACATATGCCCGTCAAGTGCCTTCAAGGTTCAATCAAGTGCCTCACCGTTGGAGATGGAGCTTTGGCAAAC	80
Consensus	atggagcgcttcaaggttcaatcaagtcgctcacccggttgagatggagctttggcaaac	
Cucsa.322750.seq	TTGTCTCCTTATCTCCTATACCAGCAACACCTTCCCCTACTGATTATGTGCCTACGGTTTTTGATAATTCAGTGCAAATG	139
ROP5_Clone.seq	TTGTCTCCTTATCTCCTATACCAGCAACACCTTCCCCTACTGATTATGTGCCTACGGTTTTTGATAATTCAGTGCAAATG	160
Consensus	ttgtctccttctccttataccagcaaacacctcccactgattatgtgcctacggttttgataatttcagtgcaaatg	
Cucsa.322750.seq	TAGTTTGGAAATGGGAGCACTGTTAACCTAGGGTTGGGATACAGCCGGACAGGAGGATTATAACCGCTAAGGCCTTTG	219
ROP5_Clone.seq	TAGTTTGGAAATGGGAGCACTGTTAACCTAGGGTTGGGATACAGCCGGACAGGAGGATTATAACCGCTAAGGCCTTTG	240
Consensus	tagtttggaaatgggagcactgttaacctagggttgggatacagccggacaggagattataaccgctaaaggcctttg	
Cucsa.322750.seq	AGTTATCGTGGGGCAGATGTTTTATATTGGCATTCTCTCATTAGCAAGGCCAGCTATGAAAATGTTTCTAAAAGTG	299
ROP5_Clone.seq	AGTTATCGTGGGGCAGATGTTTTATATTGGCATTCTCTCATTAGCAAGGCCAGCTATGAAAATGTTTCTAAAAGTG	320
Consensus	agttatcgtggggcagatgttttatattggcattctctcatttagcaaggccagctatgaaaatgtttctaaaagtg	
Cucsa.322750.seq	GATTCAGAGITGAAGCATTATGCTCCAGGAGTGCCTATTGTTCTGGTTGGAACCTAAGCTTATCGAGATGATAAGC	379
ROP5_Clone.seq	GATTCAGAGITGAAGCATTATGCTCCAGGAGTGCCTATTGTTCTGGTTGGAACCTAAGCTTATCGAGATGATAAGC	400
Consensus	gattcagagitgaagcattatgctccaggagtgcctattgttctggttggaacctaaagcttgcagatgataagc	
Cucsa.322750.seq	AGTTCCTTATTGATCATCTGGCGAGTTCCTATTTCACAGCTCAGGAGAGGAGCTTAGAAAAGCTGATTGAGCTCCA	459
ROP5_Clone.seq	AGTTCCTTATTGATCATCTGGCGAGTTCCTATTTCACAGCTCAGGAGAGGAGCTTAGAAAAGCTGATTGAGCTCCA	480
Consensus	agtctcttattgatcatctggcgagttcctatttcaacagctcaggagagagcttagaaaagctgattgagctcca	
Cucsa.322750.seq	GCATACATCGAGTGCAGCTCAAAAACCTCAGCAGAATGTGAAGGGAGTTTTGATGCAGCAATTAGGTTGTACTTCAAC	539
ROP5_Clone.seq	GCATACATCGAGTGCAGCTCAAAAACCTCAGCAGAATGTGAAGGGAGTTTTGATGCAGCAATTAGGTTGTACTTCAAC	560
Consensus	gcatacatcgagtgagctcaaaaacctcagcagaatgtgaaggagtttggatgcagcaattagggtgtacttcaac	
Cucsa.322750.seq	TCCAAGCAGAGAAAAAAGAGAGCAAGCTCAGAAAGCATGCTCGATATTGCA.....	594
ROP5_Clone.seq	TCCAAGCAGAGAAAAAAGAGAGCAAGCTCAGAAAGCATGCTCGATATTGCA.....TCCATGGTGAACAAGG	632
Consensus	tccaagcagagaaaaaagagagcaagctcagaaagcatgctcgatattgca.....ga	

Figure S1 The cloned nucleotide sequence of *CsROP5* cDNA was compared with the known nucleotide sequences in the cucumber genome database.

Cucsa.197080.seqATGGCTCCAGTGCTTCAAGGTTCAATCAAGTGCCTTACGGTTGGAGATGGAGCTTTGG	59
ROP10_Clone.seq	TTGATACATATGCCCGTCAAGTGCCTTCAAGGTTCAATCAAGTGCCTTACGGTTGGAGATGGAGCTTTGG	80
Consensus	atggctccagtgcttcaaggttcaatcaagtcgcttacggttgagatggagctttgg	
Cucsa.197080.seq	GAAGACCTGCATGCTCATATGTTATACCAGTAATAAATCCCCTACTGATTATATACCCTGTGTTGATAACTTCAGTG	139
ROP10_Clone.seq	GAAGACCTGCATGCTCATATGTTATACCAGTAATAAATCCCCTACTGATTATATACCCTGTGTTGATAACTTCAGTG	160
Consensus	gaagacctgcattgctcatatgtttataccagtaataaattcccactgattatatacccctgtggttgataacttcagtg	
Cucsa.197080.seq	CAATGTTGGTGGTGAAGGCACCACGGTCAATTTAGGCTGTGGGATACCGCAGGTCAAGAAGATTACAATAGATTAAAG	219
ROP10_Clone.seq	CAATGTTGGTGGTGAAGGCACCACGGTCAATTTAGGCTGTGGGATACCGCAGGTCAAGAAGATTACAATAGATTAAAG	240
Consensus	caatgttgggtggatgaaggcaccacggccaatttaggctgtgggataccgcaggtcaagaagattacaatagattaagg	
Cucsa.197080.seq	CCATTAAAGCTACAGAGGAGCTGATGTTTCATCCTTGCCTTTTCGTTAGTTAGCCGAGCGAGTTACGAAAACGTACTTAA	299
ROP10_Clone.seq	CCATTAAAGCTACAGAGGAGCTGATGTTTCATCCTTGCCTTTTCGTTAGTTAGCCGAGCGAGTTACGAAAACGTACTTAA	320
Consensus	ccattaagctacagaggagctgatgtttcatccttgccttttcgtttagttagccgagcgagttacgaaaacttacttaa	
Cucsa.197080.seq	GAAGTGGATTCCGGAGCTTCAACATTATGCACCTGGAGTCCCGGTGGTGTGGTTGGCACCAAATTTGATCTTCGAGAGG	379
ROP10_Clone.seq	GAAGTGGATTCCGGAGCTTCAACATTATGCACCTGGAGTCCCGGTGGTGTGGTTGGCACCAAATTTGATCTTCGAGAGG	400
Consensus	gaagtggattccggagcttcaacattatgcacctggagtcccggtgggtgtggttggcaccaaaatttgatcttcgagagg	
Cucsa.197080.seq	ACAATTTCTATTGGCTGATCATCTGGATTGGTCCCGTAAACACTTTGCAGGTTGAGGAACTCCGTAACAGATAGGT	459
ROP10_Clone.seq	ACAATTTCTATTGGCTGATCATCTGGATTGGTCCCGTAAACACTTTGCAGGTTGAGGAACTCCGTAACAGATAGGT	480
Consensus	acaatttctattggctgatcatctggattgggtcccgtaaacactttgcaggttgaggaactccgtaaacagataggt	
Cucsa.197080.seq	GCGCATATTACGTCGAATGCAGCTCAAAAACCCAGCAGAATGTGAAATCAGTTTTTGATGCAGCAATCAAGTGGTTAT	539
ROP10_Clone.seq	GCGCATATTACGTCGAATGCAGCTCAAAAACCCAGCAGAATGTGAAATCAGTTTTTGATGCAGCAATCAAGTGGTTAT	560
Consensus	ggcatattacgtcgaatgcagctcaaaaacccagcagaatgtgaaatcagttttgatgcagcaatcaagtggttat	
Cucsa.197080.seq	CAAGCCACCACAGAAAACAAAAGAGAAGAAACGGCCACACCGTGGGTGCTCTTAAATGTGTCTGTGGAAGAAACCTTA	619
ROP10_Clone.seq	CAAGCCACCACAGAAAACAAAAGAGAAGAAACGGCCACACCGTGGGTGCTCTTAAATGTGTCTGTGGAAGAAACCTTA	640
Consensus	caagccaccacagaaaacaaaagagaagaaacggccacacccggtgggtgctctttaaattgtgtctgtggaagaaacctta	
Cucsa.197080.seq	CGAGCCAAAGTGA.....	633
ROP10_Clone.seq	CGAGCCAAAGTGA.....TCCATGGTGAACAAGG	671
Consensus	cgaggcaagtga.....ga	

Figure S2 The cloned nucleotide sequence of *CsROP10* cDNA was compared with the known nucleotide sequences in the cucumber genome database.