

10 20 30 40 50 60 70 80
AF209496.1|Brassica_napus
AF209499.1|Brassica_napus
AF420476.1|Brassica_nigra
AF433641.1|Brassica_oleracea
AY746420.1|Citrus_trifoliata
AY130803.1|Citrus_maxima
AY746410.1|Citrus_trifoliata
FM992103.1|Gossypium_arboreum
PS054
AY331193.1|Gossypium_barbadense
FJ769805.1|Gossypium_hirsutum
AK230460.1|Arabidopsis_thaliana
PS157
PS016
AF402768.1|Theobroma_cacao
AY747332.1|Arachis_hypogaea
AY331206.1|Gossypium_barbadense
AF525135.1|Capsicum_annuum
Clustal Consensus

90 100 110 120 130 140 150 160
AF209496.1|Brassica_napus
AF209499.1|Brassica_napus
AF420476.1|Brassica_nigra
AF433641.1|Brassica_oleracea
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AY747332.1|Arachis_hypogaea
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Clustal Consensus

170 180 190 200 210 220 230 240
AF209496.1|Brassica_napus
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AF525135.1|Capsicum_annuum
Clustal Consensus

250 260 270 280 290 300 310 320
AF209496.1|Brassica_napus
AF209499.1|Brassica_napus
AF420476.1|Brassica_nigra
AF433641.1|Brassica_oleracea
AY746420.1|Citrus_trifoliata
AY130803.1|Citrus_maxima
Clustal Consensus

AF402768.1|Theobroma_cacao **CCCAATCCAAATTTAGAGTCGATTATGAAGGATGTTGTCGCGA**--**ATGTGGTGGTCTCCCCCTCGCCCTCAAGGTCCT**
 AY747332.1|Arachis_hypogaea **CCTGCAGAAGAGTATTTGGATTTGTCCAACAGGCGGTCAAATA**--**TTGTGCTGGATTCCCCCTCGCCCTCAAGGTCCT**
 AY331206.1|Gossypium_barbadense **CCAACAGAAGATTTTATTGAGCTTCTAAACATATTGTACGTTA**--**TGCTGGTGGATTCCCCCTCGCCCTCAAGGTCCT**
 AF525135.1|Capsicum_annuum **CCCACCAAGGAATTTGCTGATCTGTCAGCTCAAGTTATAAAGCA**--**TACCGGTGGATTCCCCCTCGCCCTCAAGGTCCT**
 Clustal Consensus

570 580 590 600

AF209496.1|Brassica_napus -----
 AF209499.1|Brassica_napus -----
 AF420476.1|Brassica_nigra -----
 AF433641.1|Brassica_oleracea -----
 AY746420.1|Citrus_trifoliata -----
 AY130803.1|Citrus_maxima -----
 AY746410.1|Citrus_trifoliata -----
 FM992103.1|Gossypium_arboreum -----
 PS054 -----
 AY331193.1|Gossypium_barbadense -----
 FJ769805.1|Gossypium_hirsutum -----
 AK230460.1|Arabidopsis_thaliana **TGGCAAAGCCATGGTATGTAAAGAGACTGTACAAGAATGGCGT**
 PS157 **CGGCTAA** -----
 PS016 **CGGC** -----
 AF402768.1|Theobroma_cacao **CGGC** -----
 AY747332.1|Arachis_hypogaea **CGGCA** -----
 AY331206.1|Gossypium_barbadense **CGGC** -----
 AF525135.1|Capsicum_annuum **CGGC** -----
 Clustal Consensus