

Dr 1 GTCAG.TTAAT.....GTAGGGCATCCAA..ATTT.ATCA.GGACAGCC.ACTGCCAAAC...TTTTTATTTGGCATCTGTCTT.
Dn 1 GTCAG.TTAAT.....GTAGGGCATCCAA..ATTT.ATCA.GGACAGCC.ACTGCCAAAC...TATTTATTTGGCATCTGTCTT.
Dalb 1 GTCAG.TTAAT.....ATAGGGCATCCAA..ATTT.ATCA.GGACAGCC.ACTGCCAAAC...TTTTTATTTGGCATCTGTCTT.
Dc 1 GTCAG.TTAAT.....GTAGGGCATCCAA..ATTT.ATCA.GGACAGCC.TCTGCCAAAC...TGTTTATTTGGCATCTG...T.
Df 1 GTCAG.TTAAT.....GTAGGGCATCCAA..ATTT.AGCA.GGACAGCC.ACTGCCAAAG...TTTTTATTTGGCATCTG...T.
Daeq 1 GTCAG.TTAAT.....GTAGGGCATCCAA..ATTT.ATCACAACAGAC.ACTGCCAAAC...TTTT..TTTGGCATCTG...T.
Ca 1 GTCAG.TTAAT.....GTAGGGCATCCAA..CTTTTAAACA.GGACAGAC.AGTGCCAAA...TTATTATAATTTTATTTT
Cc 1 GTCAG.TTAAT.....GTAGGGCATCCAA..TTTTTAAACA.GGACAGACAATTGCCAAACTTTTTTTTTTTGGCATCTGA...
Pc 1 GTCAG.TTAAT.....GTAGGGCATCCAA..TTTT.AT.....GTGCCAA.C...TTTTTTTTTGGCATCTG...
Cm 1 AAGAGATGAAT.....ATAGGGCGCCCTG..TTTT.ATTA.GAATAT...ATAGCAA...GAAANN TG...
Ip 1 TTCAG.TGACTTACACAGCGAGTTGGGTGTTTAAATGGTTTAAATG.GTGTAAAT.GGTG...G...TGTTTAGTAG...CCTGTTTT.
Ol 1 CTCTG.CTGAT.....GAAGGAATCCAGTAACCT.....GAGAGGC.GGCGCCG.....TGCCCTG.

Dr 71 .CTCATATCCCACATAGTCCCT...TGAGGGCATGTGCATTGCTCCTCAAATAGCACCA...GCAGCCACGGCATTCCCAGATCACTC
Dn 71 .CTCATATCCCACATAGTCCCT...TGAGGGCATGTGCATTGCTCCTCAAATAGCAGCA...GCAGCCACGGCATTCCCAGATCACTC
Dalb 71 .CTCATATCCAACATAGCCCT...TGAGGGCATGTGCATTGCTCCTCAAATAGCAGCA...GCAGCCACGGCATTCCCAGATCACTC
Dc 68 .CTCATATCCCACATAGCCCT...TGAGGGCATGTGCATTGCTCCTCAAATAGCAACA...GCAGCCACGGCATTCCCAGATCACTC
Df 68 .CTCATATCTCACATAGTCCCT...TGAGGGCATGTGCATTGCTCCTCAAATAGCAGCA...GCAGCCACGGCATTCCCAGATCACTC
Daeq 67 .CTCATATCCCACATAGCCCT...TGAGGGCATGTGCATTGCTCCTCAAATAGCAGCG...GCAGCCCTCGGCATTCCCTGATCACTC
Ca 69 .ACTCCCATCTCACATAGTCCCT...TGAGGGCCTGTGCAGTTGCTTCTCAAATAGCAGCAGCAGCAGCCTCGGCATTCCCTGATCACTC
Cc 73 .CTCGCATCCCACAGTCCCT...TGAGGGCCTGTGCAGTTGCTCCTCAAATAGCAGCA...GCAGCCCTCGGCATTCCCAGATCACTC
Cm 55ACTCAAATAGTCCCT...TGAGGGCCTGTGCAGTTGCTCCTCAAATAGCAGCA...GCAGCTCGGCATTCCCAGATCACTC
Ip 76TTCATTGTGTCTCCT...TGAGG.....CTGCATCTCAAATAGCAGCA.....CTC
Ol 49 .CTCCCATTTCCCGAGCTCCCCCGCTCAGGACACCCCATCCCCC.....AGCATTAT.GCA....GACACTCCTCATGCACCG

Dr 153 GCTGCCCATGCATTGTGATGTGCATCAGAGGGGTGCTGTGCACGTGA.AGGAGGCGTG....GAGAG.....CCGGACTAAAGGG
Dn 153 GCTGTCCATGCATTGTGATGTGCATCAGAGGGGTGCTGTGCACGTGA.AGGAGGCGTG....GAGAG.....CCGGACTAAAGGG
Dalb 153 GCTGTCCATGCATTGTGATGTGCATCAGAGGGGTGCTGTGCACGTGA.AGGAGGCGTG....GAGAG.....CCGGACTAAAGGG
Dc 150 GCTGTCCATGCATTGTGATGTGCATCAGAGGGGTGCTGTGCACGTGA.AGGAGGCGTG....GAGAG.....GCAGGCTAAAGGG
Df 150 GCTGTCCATGCATTGTGATGTGCATCAGAGGGGTGCTGTGCACGTGA.AGGAGGCGTG....GAGAG.....CCCGACTAAAGGG
Daeq 149 GCTGTCCATGCATTGTGATGTGCATCAGAGGGGTGCTGTGCACGTGA.AGGAGGCGTG....GAGAG.....CTGGGCTAAAGGG
Ca 155 GCTGTCCATGCATTGTGATGTGCATCAGAGGGGTGCTGTGCACGTGA.AGGAGGCGTG....GGGG.....CTGGACTAAAGGG
Cc 155 GCTGTCCATGCATTGTGATGTGCATCAGAGGGGTGCTGTGCACGTGA.AGGAGGCGTG....GAGGG.....CTGGACTAAAGGG
Pc 131 GCTGCCCATGCATTGTGATGTGCATCAGAGGGGTGCTGTGCACGTGA.AGCAGGCGTG....GAAGA.....CTG..CTGGAAGG
Cm 122 GCTGCCCATGCATTGTGATGTGCATCAGAGGGGTGCTGTGCACGTGA.AGCAGGCGTG....CAGGG.....CTCAAATGGGTGGG
Ip 120 GCTGTTCACCCGCTGTGACGTGCACACACACACTGCTGTGCACGTGA.AAGAGGCATGACTGTGTG.....CGCGGTGTGTGT
Ol 125 CGCAGCCATGCCACCAACGCCACGAGCTGGCAGCTGTGCACGTGAGGGGAGGTGCG....GTGCGACCACCCCTCCCGCAGAGCGGG

Dr 227 GGGCA.....GGGAGGAAAGAATGCT.....TGTA.GAGCTCTGA.....GGGAC.....TGAGGAAAGTCTCTGC
Dn 227 GGGCA.....GGGAGGAAAGAATGCT.....TGTA.GAGCTCTGAGGCAACTGAGGGAC.....TGAGGAAAGTCTCTGC
Dalb 227 GGGCA.....GGGAGGAAAGAATGCT.....TGTA.GAGCTCTGAG.....GGANC.....TGAGGAAAGTCTCTGC
Dc 224 GGGCA.....GGGAGGAAAGAATGCT.....TGAG.GAGCTCTGCGGCAACTGAGGGAC.....TGAGGAAAGTCTCTGC
Df 224 GGGCA.....GGGAGGAAAGAATGCT.....TGTA.GAGCTCTGAGGCAACTGAGGGAC.....TGAGGAAAGTCTCTGC
Daeq 223 GGGCA.....GGGAGTGAAGAATGCT.....AAAA.GAGCT.....C.....TGAGGAAAGTCTCTGC
Ca 229 GGGCA.....GGGAGGAAAGGATGCT.....TGTA.GCTCT.....AC.....AGTCTCTGC
Cc 229 GGC.....AGGGGAAGGATGCT.....TGTA..GCTCT.....AC.....TGAGGATGTCTCTGC
Pc 203 GGGCA.....GGGGAAGGAAATGCT.....TGTA.GCTCT.....AC.....CGAGGAAAGTCTCCG
Cm 196 TGGGATCTGGGGGAGGGAGGAGCTCAGGCTGTGTAATATA.TTGCTCAGAG.....GCAGC.....TGAGGAAAGTCTCTGC
Ip 199 GTGCA.....TGTTGTGCGCGTGTG.....TGTCGCGGCCACGCAGTAATGAACAGCAGATGAGGGAAG..TCAGC
Ol 210 TGGAG.....GAATGTGAAGGATCCCAGAGGCAACTCAGTA.G..TTTGGAGGTCA...GCAGC.....CGCAGAGAG...CGGG

Dr 282 .TTGGGAAGTGGGGAAAGGTCTATGTTT...ACACCCTCAAT.....TGTTCCAGTCAGGTCAGAATTGACATGTGAATCTGCC.TTC
Dn 291 .TTGGGAAGTGGGGAAAGGTCTATGTTT...ACACCCTCAAT.....TGTTCCAGTCAGGTCAGAATTGACATGTGAATCTGCC.TTT
Dalb 283 .TTGGGAAGTGGGGAAAGGTCTATGTTT...ACACCCTCAAT.....TGTTCCAGTCAGGTCAGAATTGACATGTGAATCTGCC.TTT
Dc 288 .TTGGGAAGTGGGGAAAGGTCTATGTTT...ACACCCTCAAT.....TGTTCCAGTCAGGTCAGAATTGACATGTGAATCTGCC.TTT
Df 288 .TTGGGAAGTGGGGAAAGGTCTATGTTT...ACACCCTCAAT.....TGTTCCAGTCAGGTCAGAATTGACATGTGAATCTGCC.TTT
Daeq 270 .TTGGGAAGTGGGGAAAGGTCTATGTTT...ACACCCTCAAT.....TGTTCCAGTCAGGTCAGAATTGACATGTGAATCTGCC.TTT
Ca 274 .TTGGGAAGTGGGGAAAGGTCTATGTTT...ACACCCTCAAT.....TGTTCCAGTCAGGTCAGAATTGACATGTGAATCTGCC.TTT
Cc 275 .TTGGGAAGTGGGGAAAGGTCTATGTTT...ACACCCTCAT.....GTTTCAGCCAGGT.....CTGCC.TTT
Pc 250 .TTGGGAAGTGGGGAAAGGTCTATGTTT...ACACCCTCAAT.....TGTTCCAGTCAGGTCAGAATTGACATGTGAATCTGCC.TTT
Cm 271 .TTGGGAAGTGGGGAAAGGTCTATGTTT...ACACCCTCAAT.....TGTTCCAGTCAGGTCAGAATTGACATGTGAATCTGCC.TTT
Ip 268 .NTGGGAAGTGGGGAAAGGTCTATGTTT...ACACCCTCAAT.....GCTTCCAA.....ATGGGAATCTCAAAT
Ol 277 .GCTGGGAAGTGGGGAAAGGTCTGTTTGAACAGGAAACAGTGGAGTTCTGTTCCAGCTGGGTCAGA.....

Dr 360 GGTTAGCAGATGTTTA.ACCAAA.....CACA.....
Dn 369 GGCTGGCAGATGTTTA.GCCGAA.....TGCA.....
Dalb 361 GTTTGGCAGATGTTTAATNCCAAA.....TGGA.....
Dc 366 GTTTGGCAGATGTTTA.GCCAAA.....TGCA.....
Df 366 GTTTGGCAATTGCTAA.GCCAAA.....TGCA.....
Daeq 348 GTTTGGCAGATGCTTA.GCCAAA.....TGCA.....
Ca 352 GTTAGGCAGATGTTTG...CAAAGTGAGCCACATAGTGCA.....
Cc 334 GTTAGGCAGATGTTN..GCCACA.....CTTGT.....
Pc 329 GTTTGGCAGATGTTT..GTCACA.....CAAG.....
Cm 349 GTTAGGCAATGTTTG...CAAG.....GTGATAACTCAGCTGGAAAAGAAAACAGCATTTA
Ip 331 G..CNGCAAAGG...AACAA.....TACT.....
Ol 344 GACGGCCGACACTCCTTCCCTG.....AAAA.....