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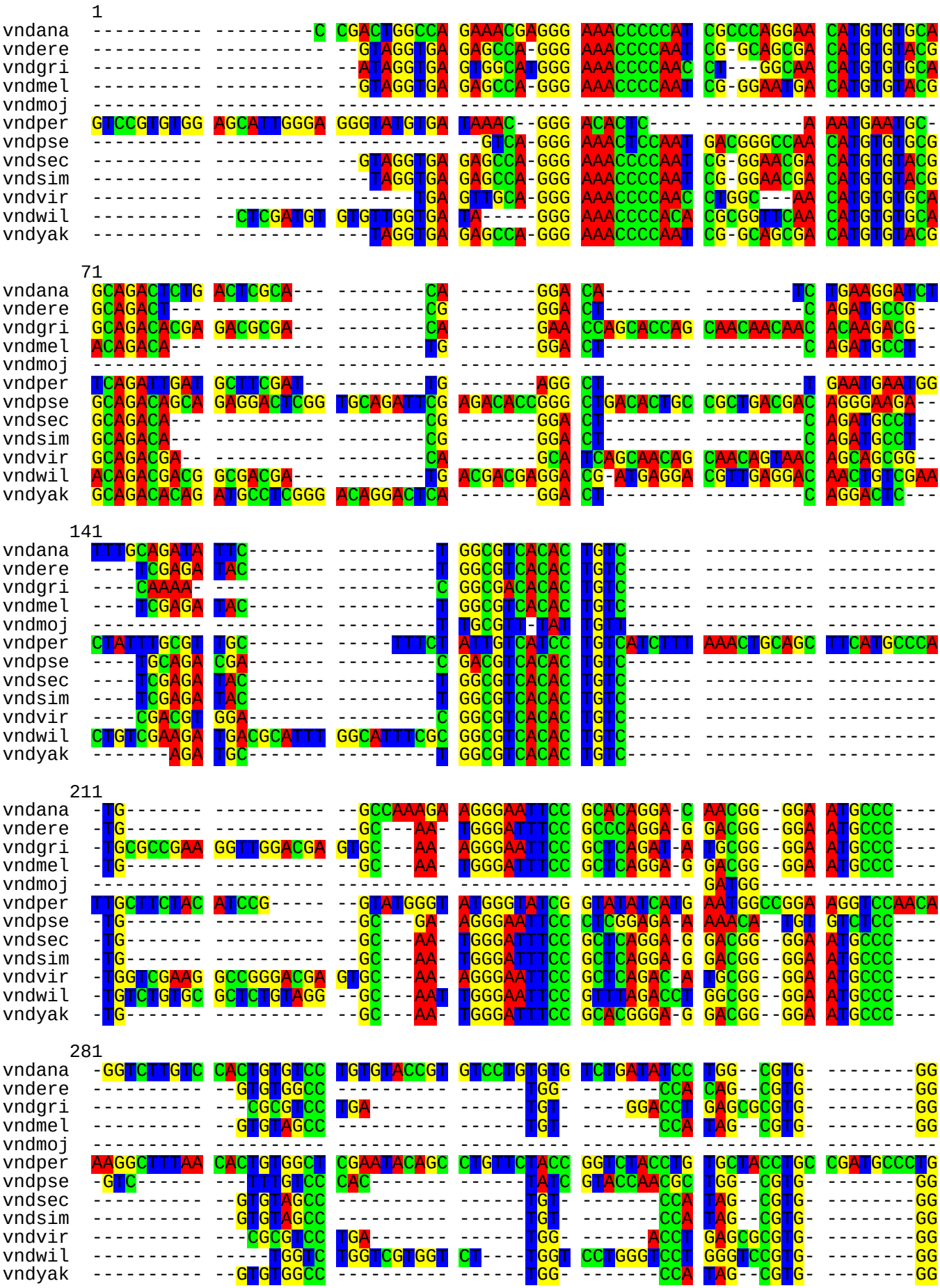

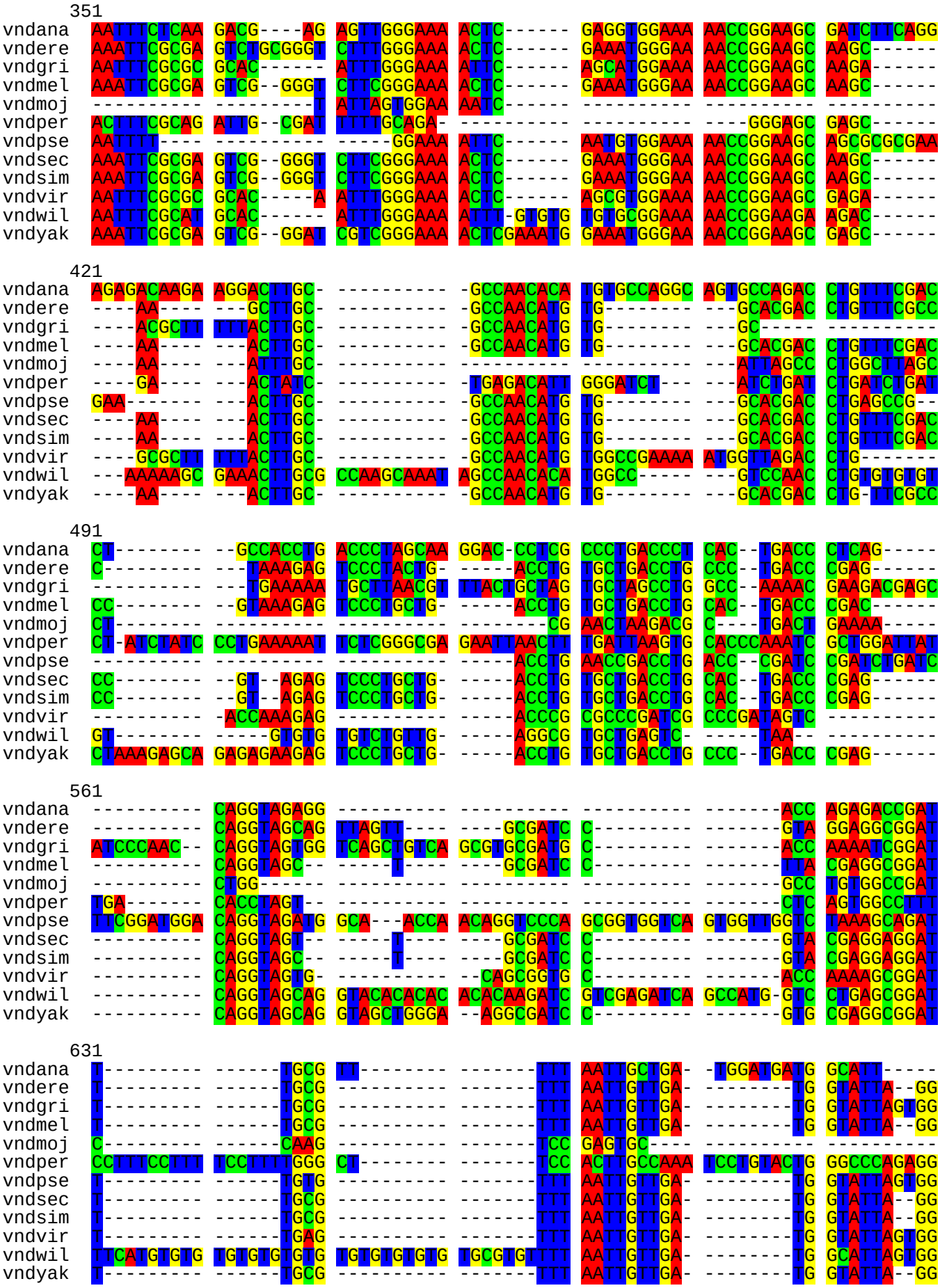
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vndmel AAATTCGCGA GTCG--GGGT CTTCGGGAAA ACTC------ GAAATGGGAA AACCGGAAGC AAGC------
vndmoj ---------- ----------T ATTAGTGGAA AATC------ ---------- ---------- ----------
vndper ACTTTCGCAG ATTG--CGAT TTTTGCAGA- ---------- ---------- ----GGGAGC GAGC------
vndpse AATTTT---- ---------- -----GGAAA ATTC------ AATGTGGAAA AACCGGAAGC AGCGCGCGAA
vndsec AAATTCGCGA GTCG--GGGT CTTCGGGAAA ACTC------ GAAATGGGAA AACCGGAAGC AAGC------
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421
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vndere ----AA---- ---GCTTGC- ---------- -GCCAACATG TG-------- ---GCACGAC CTGTTTCGCC
vndgri ----ACGCTT TTTACTTGC- ---------- -GCCAACATG TG-------- ---GC----- ----------
vndmel ----AA---- ---ACTTGC- ---------- -GCCAACATG TG-------- ---GCACGAC CTGTTTCGAC
vndmoj ----AA---- ---ATTTGC- ---------- ---------- ---------- ---ATTAGCC CTGGCTTAGC
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vndpse GAA------- ---ACTTGC- ---------- -GCCAACATG TG-------- ---GCACGAC CTGAGCCG--
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vndsim ----AA---- ---ACTTGC- ---------- -GCCAACATG TG-------- ---GCACGAC CTGTTTCGAC
vndvir ----GCGCTT TTTACTTGC- ---------- -GCCAACATG TGGCCGAAAA ATGGTTAGAC CTG-------
vndwil ---AAAAAGC GAAACTTGCG CCAAGCAAAT AGCCAACACA TGGCC----- ---GTCCAAC CTGTGTGTGT
vndyak ----AA---- ---ACTTGC- ---------- -GCCAACATG TG-------- ---GCACGAC CTG-TTCGCC
491
vndana CT-------- --GCCACCTG ACCCTAGCAA GGAC-CCTCG CCCTGACCCT CAC--TGACC CTCAG-----
vndere C--------- ---TAAAGAG TCCCTACTG- -----ACCTG TGCTGACCTG CCC--TGACC CGAG------
vndgri ---------- ---TGAAAAA TGCTTAACGT TTACTGCTAG TGCTAGCCTG GCC--AAAAC GAAGACGAGC
vndmel CC-------- --GTAAAGAG TCCCTGCTG- -----ACCTG TGCTGACCTG CAC--TGACC CGAC------
vndmoj CT-------- ---------- ---------- --------CG AACTAAGACG C----TGACT GAAAA-----
vndper CT-ATCTATC CCTGAAAAAT TCTCGGGCGA GAATTAACTT TGATTAAGTG CACCCAAATC GCTGGATTAT
vndpse ---------- ---------- ---------- -----ACCTG AACCGACCTG ACC--CGATC CGATCTGATC
vndsec CC-------- --GT--AGAG TCCCTGCTG- -----ACCTG TGCTGACCTG CAC--TGACC CGAG------
vndsim CC-------- --GT--AGAG TCCCTGCTG- -----ACCTG TGCTGACCTG CAC--TGACC CGAG------
vndvir ---------- -ACCAAAGAG ---------- -----ACCCG CGCCCGATCG CCCGATAGTC ----------
vndwil GT-------- -----GTGTG TGTCTGTTG- -----AGGCG TGCTGAGTC- -----TAA-- ----------
vndyak CTAAAGAGCA GAGAGAAGAG TCCCTGCTG- -----ACCTG TGCTGACCTG CCC--TGACC CGAG------
561
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vndere ---------- CAGGTAGCAG TTAGTT---- ----GCGATC C--------- ------GTA GGAGGCGGAT
vndgri ATCCCAAC-- CAGGTAGTGG TCAGCTGTCA GCGTGCGATG C--------- ------ACC AAAATCGGAT
vndmel ---------- CAGGTAGC-- -----T---- ----GCGATC C--------- ------TTA CGAGGCGGAT
vndmoj ---------- CTGG------ ---------- ---------- ---------- ------GCC TGTGGCCGAT
vndper TGA------- CACCTAGT-- ---------- ---------- ---------- ------CTC AGTGGCCTTT
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vndsec ---------- CAGGTAGT-- -----T---- ----GCGATC C--------- ------GTA CGAGGAGGAT
vndsim ---------- CAGGTAGC-- -----T---- ----GCGATC C--------- ------GTA CGAGGAGGAT
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vndwil ---------- CAGGTAGCAG GTACACACAC ACACAAGATC GTCGAGATCA GCCATG-GTC CTGAGCGGAT
vndyak ---------- CAGGTAGCAG GTAGCTGGGA --AGGCGATC C--------- ------GTG CGAGGCGGAT
631
vndana T--------- ------TGCG TT-------- -------TTT AATTGCTGA- -TGGATGATG GCATT-----
vndere T--------- ------TGCG ---------- -------TTT AATTGTTGA- --------TG GTATTA--GG
vndgri T--------- ------TGCG ---------- -------TTT AATTGTTGA- --------TG GTATTAGTGG
vndmel T--------- ------TGCG ---------- -------TTT AATTGTTGA- --------TG GTATTA--GG
vndmoj C--------- ------CAAG ---------- -------TCC GAGTGC---- ----------
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vndsec T--------- ------TGCG ---------- -------TTT AATTGTTGA- --------TG GTATTA--GG
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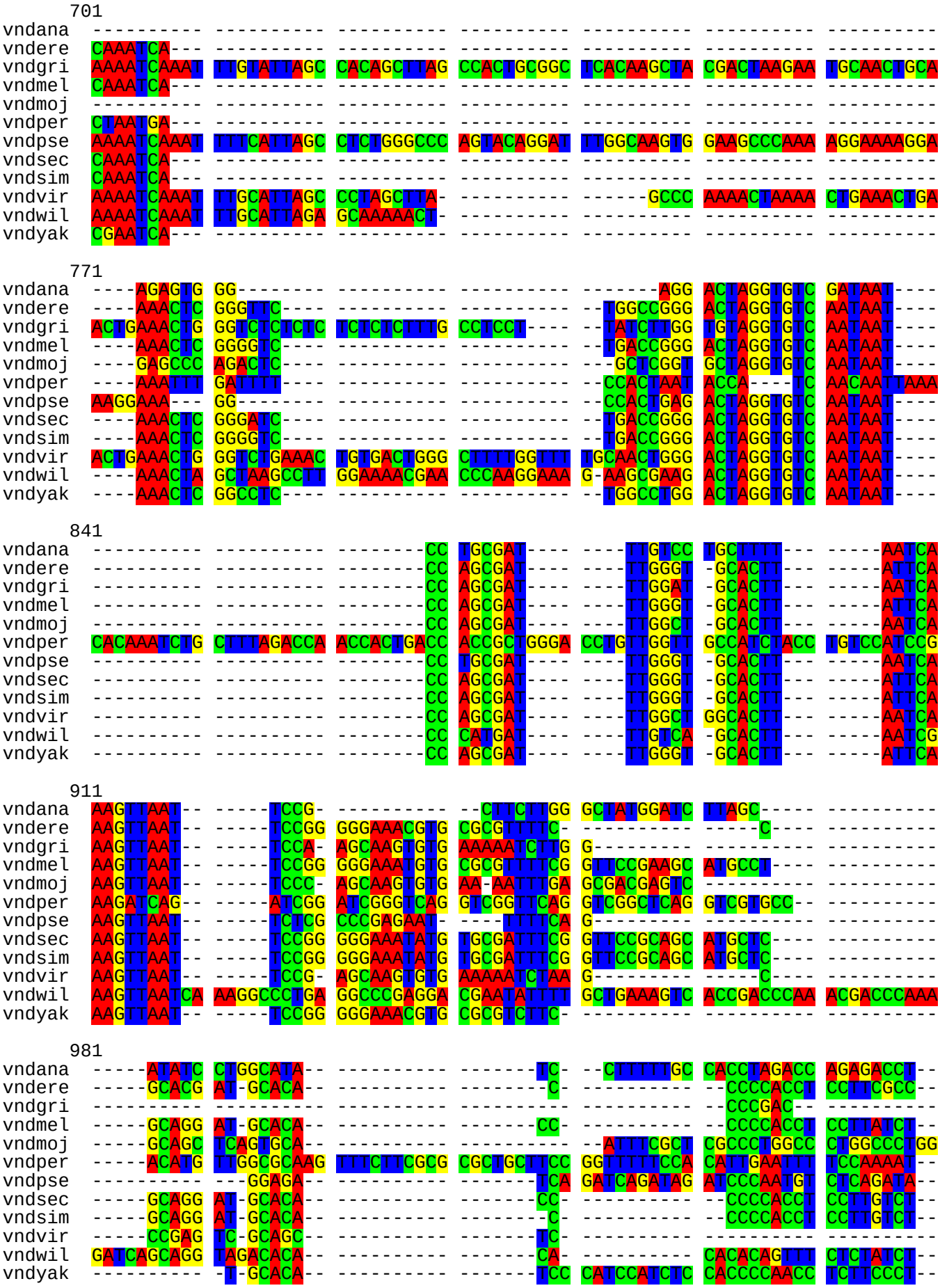
vndwil TTCATGTGTG TGTGTGTGTG TGTGTGTGTG TGCGTGTTTT AATTGTTGA- --------TG GCATTAGTGG
vndyak T--------- ------TGCG ---------- -------TTT AATTGTTGA- --------TG GTATTA--GG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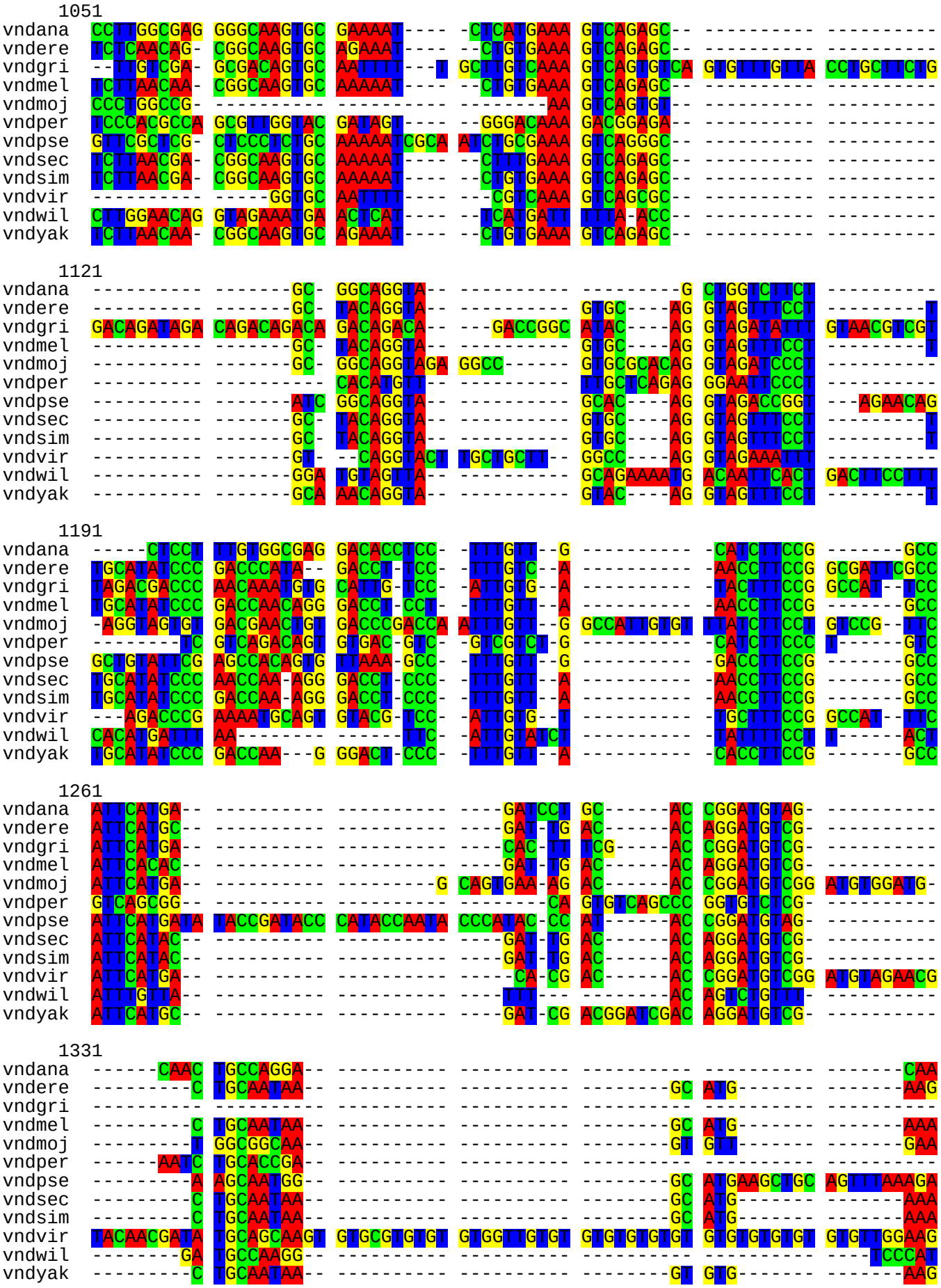
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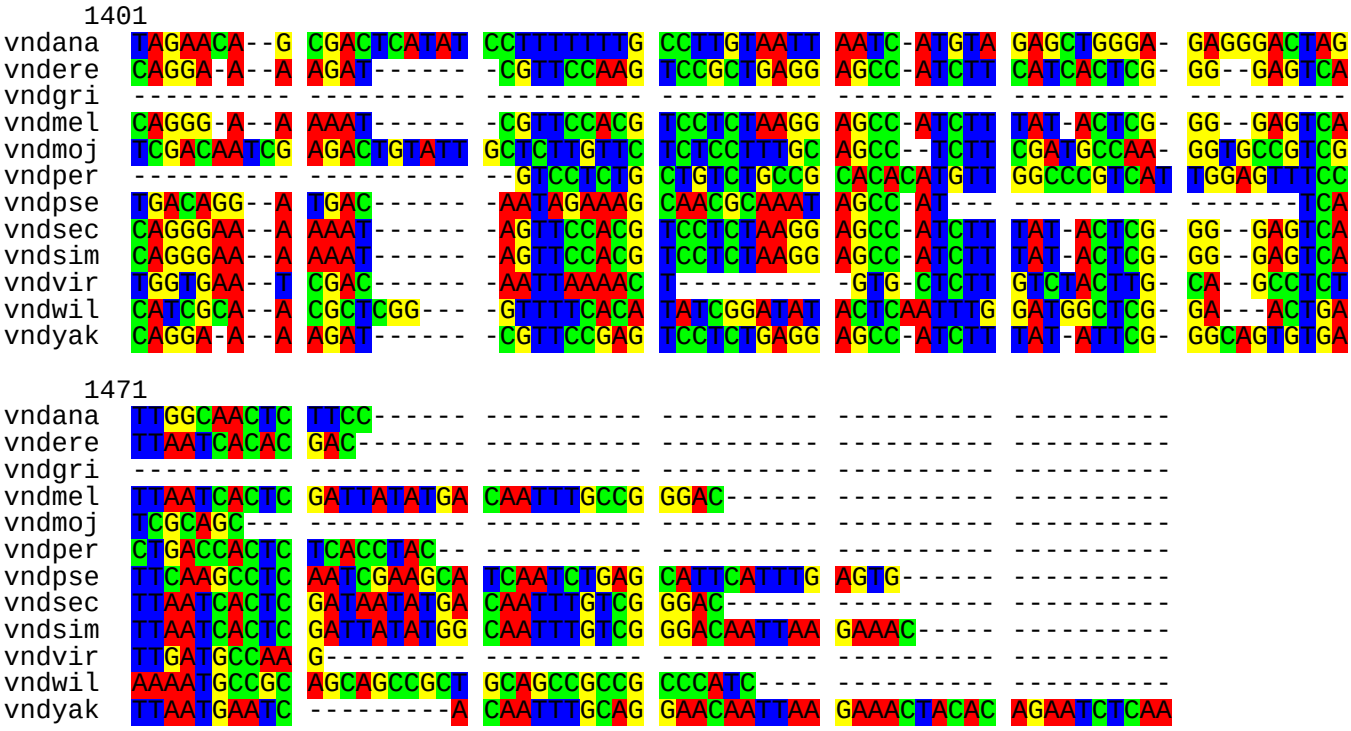
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vndgri ---------- ---------- ---------- ---------- ---------- ---------- ----------
vndmel CAGGG-A--A AAAT------ -CGTTCCACG TCCTCTAAGG AGCC-ATCTT TAT-ACTCG- GG--GAGTCA
vndmoj TCGACAATCG AGACTGTATT GCTCTTGTTC TCTCCTTTGC AGCC--TCTT CGATGCCAA- GGTGCCGTCG
vndper ---------- ---------- --GTCCTCTG CTGTCTGCCG CACACATGTT GGCCCGTCAT TGGAGTTTCC
vndpse TGACAGG--A TGAC------ -AATAGAAAG CAACGCAAAT AGCC-AT--- ---------- -------TCA
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vndvir TGGTGAA--T CGAC------ -AATTAAAAC T---------- -GTG-CTCTT GTCTACTTG- CA--GCCTCT
vndwil CATCGCA--A CGCTCGG--- -GTTTTCACA TATCGGATAT ACTCAATTTG GATGGCTCG- GA---ACTGA
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1471
vndana TTGGCAACTC TTCC------ ---------- ---------- ---------- ----------
vndere TTAATCACAC GAC------- ---------- ---------- ---------- ----------
vndgri ---------- ---------- ---------- ---------- ---------- ----------
vndmel TTAATCACTC GATTATATGA CAATTTGCCG GGAC------ ---------- ----------
vndmoj TCGCAGC--- ---------- ---------- ---------- ---------- ----------
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vndsec TTAATCACTC GATAATATGA CAATTTGTCG GGAC------ ---------- ----------
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vndvir TTGATGCCAA G--------- ---------- ---------- ---------- ----------
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