

561

vndana	AAGTTAATTC	C	-----	GGGAAA	CGTG	-GCTTCCTGG	GCTATGGATC	TTAGCATATC	CTGGCATATC
vndere	AAGTTAATTC	C	-----	GG	GGGAAA	CGTG	CGCGTTTTC	GC	-----
vndmel	AAGTTAATTC	C	-----	GG	GGGAAA	CGTG	CGCGTTTTC	GTTC	CGAAGC
vndmoj	AAGTTAATTC	CCAGCAAG	CG	GGGAAA	CGTG	AGCGAG	GAGTCGCAGC	TCAGTCGAAT	TTCCGTCGCC
vndsec	AAGTTAATTC	C	-----	GG	GGGAAA	CGTG	GTTC	CGCAGC	ATGCTCGCAG
vndsim	AAGTTAATTC	C	-----	GG	GGGAAA	CGTG	GTTC	CGCAGC	ATGCTCGCAG
vndyak	AAGTTAATTC	C	-----	GG	GGGAAA	CGTG	CGCGTCTTC	-----	TTGCACATC

631

vndana	CTTTTTC	CC	CTAGAC	CAGAGACCTC	CTTGGCGAGG	GGCAAGTGCG	AAAATCTCAT	GAAAGTCAGA
vndere	-----	-----	CCCCACC	TCCTTCGCC	CTCAACAG-C	GGCAAGTGCA	GAAATCT-GT	GAAAGTCAGA
vndmel	-----	-----	CCCCACC	TCCTTCGCC	CTTAACAA-C	GGCAAGTGCA	AAAATCT-GT	GAAAGTCAGA
vndmoj	CTGG	-----	CCCTGGC	CC	-----	GGC	-----	CGAAGTCAGT
vndsec	-----	-----	CCCCACC	TCCTTCGCC	CTTAACAG-C	GGCAAGTGCA	AAAATCT-TT	GAAAGTCAGA
vndsim	-----	-----	CCCCACC	TCCTTCGCC	CTTAACAG-C	GGCAAGTGCA	AAAATCT-GT	GAAAGTCAGA
vndyak	CCATCCATCT	CC	CCCCAAC	CTCTTCCTT	CTTAACAA-C	GGCAAGTGCA	GAAATCT-GT	GAAAGTCAGA

701

vndana	GCGC	GGCAG	GTAG	-----	CTGG	TCTTCTCTCC	TTTG	-----	TTGG	CGAGGACA
vndere	GCGC	TACAG	GTAG	-----	TGCAGG	TAGTTTCCCTT	TGCA	-----	TAT	CCCCACCCA
vndmel	GCGC	TACAG	GTAG	-----	TGCAGG	TAGTTTCCCTT	TGCA	-----	TAT	CCCCACCCA
vndmoj	GTGC	GGCAG	GTAG	AGGCGG	TGCAGG	TAGATCCCCTA	GGTAGTGTGA	CGAAGTGTGA	TAT	CCCCACCCA
vndsec	GCGC	TACAG	GTAG	-----	TGCAGG	TAGTTTCCCTT	TGCA	-----	TAT	CCCCACCCA
vndsim	GCGC	TACAG	GTAG	-----	TGCAGG	TAGTTTCCCTT	TGCA	-----	TAT	CCCCACCCA
vndyak	GCGC	AAACAG	GTAG	-----	TACAGG	TAGTTTCCCTT	TGCA	-----	TAT	CCCCACCCA

771

vndana	-----	CCTC	CTTTGTTGCA	TCTTCGG	-----	GCCATT	CAT	-----	GAGATCCT	GC	-----	AC
vndere	-TAGACCTTC	CTTTGTTCAA	CCTTCGGGG	ATTCGCCATT	CAT	-----	GCGAT	TTG	AC	-----	AC	
vndmel	AGGGACCTCC	TTTTGTTAAA	CCTTCGG	-----	GCCATT	CAC	-----	ACGAT	TTG	AC	-----	AC
vndmoj	TTCTTGGCCA	TTCTGTTTAT	CTTCCTG	-----	TCCGTT	CATTCATGAG	CAGTGAA	AG	AC	-----	AC	
vndsec	AGGGACCTCC	CTTTGTTAAA	CCTTCGG	-----	GCCATT	CAT	-----	ACGAT	TTG	AC	-----	AC
vndsim	AGGGACCTCC	CTTTGTTAAA	CCTTCGG	-----	GCCATT	CAT	-----	ACGAT	TTG	AC	-----	AC
vndyak	---GGGACTCC	CTTTGTTACA	CCTTCGG	-----	GCCATT	CAT	-----	GCGAT	CG	ACGGATCGAC		

841

vndana	CGGATCTAGC	AACT	-----	GCCAGGACA	ATAGAACAGC	GACTCATATC	CTT	-----	TTTTTGCCCTT
vndere	AGGATGTGCG	T	-----	GCAATAAGC	ATGAAACAGG	AA	-----	AAGAT	CGT
vndmel	AGGATGTGCG	T	-----	GCAATAAGC	ATGAAACAGG	GA	-----	AAAAT	CGT
vndmoj	CGGATCTCGG	ATCTGGATCT	GGCGGCAAGT	GTGAATCGA	CAATCGAGAC	TGTATTTGCTC	TTGTTCTCTC		
vndsec	AGGATGTGCG	T	-----	GCAATAAGC	ATGAAACAGG	GAA	-----	AAAAT	AGT
vndsim	AGGATGTGCG	T	-----	GCAATAAGC	ATGAAACAGG	GAA	-----	AAAAT	AGT
vndyak	AGGATGTGCG	T	-----	GCAATAAGT	GTGAACAGG	AA	-----	AAGAT	CGT

911

vndana	CTAATTAAATC	ATCTAGA	-G	CTGGGA	-GA	GGGACTAGTT	G	-----	GCAACTC	TTCC	-----
vndere	CTGAGGAGCC	ATCTTCATCA	CTCGGG	-GA	GTCAATTAATC	AC	-----	ACGAC	-----	-----	
vndmel	CTAAGGAGCC	ATCTTTAT-A	CTCGGG	-GA	GTCAATTAATC	ACTCGATTTAT	ATGACAATTT	GGCGGGAC	-----	-----	
vndmoj	CTTTGCAGCC	TCTTCGAT-G	CCAAGGTGCC	GTCTG	-----	-----	GCAGC	-----	-----	-----	
vndsec	CTAAGGAGCC	ATCTTTAT-A	CTCGGG	-GA	GTCAATTAATC	ACTCGATAAT	ATGACAATTT	GTCTGGGAC	-----	-----	
vndsim	CTAAGGAGCC	ATCTTTAT-A	CTCGGG	-GA	GTCAATTAATC	ACTCGATTTAT	ATGGCAATTT	GTCTGGGACAA	-----	-----	
vndyak	CTGAGGAGCC	ATCTTTAT-A	TTCTGGG	CAGT	GTGATTAATG	AATC	-----	ACAATTT	GCAGGAACAA		

981

vndana	-----	-----	-----
vndere	-----	-----	-----
vndmel	-----	-----	-----
vndmoj	-----	-----	-----
vndsec	-----	-----	-----
vndsim	TTAAGAAAC	-----	-----
vndyak	TTAAGAAACT	ACACAGAAAC	TCAA