

	1	11	21	31	41	50
<i>B. variabilis</i> Caribbean [AY210769]	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>B. variabilis</i> Caribbean [AY359141]	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>B. variabilis</i> Caribbean [AY359142]	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>B. variabilis</i> Gulf of Lions [AY210768]	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>B. variabilis</i> Gulf of Lions [AY359131]	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>B. variabilis</i> Bay of Biscay [AF533836]		GTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>B. variabilis</i> Bay of Biscay [AY359132]	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>B. variabilis</i> Bay of Biscay [AY359133]	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>B. variabilis</i> Bay of Biscay [AY359134]	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>B. variabilis</i> Kenya [AY359135]	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGAA	
<i>B. variabilis</i> Kenya [AY359136]	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGAA	
<i>B. variabilis</i> Kenya [AY359137]	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGAA	
<i>B. variabilis</i> Kenya [AY359138]	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>B. variabilis</i> Kenya [AY359139]	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>B. variabilis</i> Kenya [AY359140]	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS251a	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS260a	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS260b	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS260c	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS260d	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS260e	GCACCACAAG	AACGCGTGGA	GCATGCGGCT	TAATTTGACT	CAACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS278a	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS278b	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CGACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS278c	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS278d	-CACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS249a	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS249b	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS249c	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS249d	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS274a	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS274b	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS274c	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS274d	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	
<i>Streptochilus</i> Arabian Sea AS274e	GCACCACAAG	AACGCGTGGA	GCATGTGGCT	TAATTTGACT	CAACGCGGGA	

	51	61	71	81	91	100
<i>B. variabilis</i> Caribbean [AY210769]	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--ACAC	
<i>B. variabilis</i> Caribbean [AY359141]	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--ACAC	
<i>B. variabilis</i> Caribbean [AY359142]	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--ACAC	
<i>B. variabilis</i> Gulf of Lions [AY210768]	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--ACAC	
<i>B. variabilis</i> Gulf of Lions [AY359131]	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--ACAC	
<i>B. variabilis</i> Bay of Biscay [AF533836]	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--ACAC	
<i>B. variabilis</i> Bay of Biscay [AY359132]	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--ACAC	
<i>B. variabilis</i> Bay of Biscay [AY359133]	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--ACAC	
<i>B. variabilis</i> Bay of Biscay [AY359134]	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--ACAC	
<i>B. variabilis</i> Kenya [AY359135]	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--ACAC	
<i>B. variabilis</i> Kenya [AY359136]	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--ACAC	
<i>B. variabilis</i> Kenya [AY359137]	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--ACAC	
<i>B. variabilis</i> Kenya [AY359138]	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAT	
<i>B. variabilis</i> Kenya [AY359139]	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAT	
<i>B. variabilis</i> Kenya [AY359140]	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAT	
<i>Streptochilus</i> Arabian Sea AS251a	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAT	
<i>Streptochilus</i> Arabian Sea AS260a	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATT--TCAT	
<i>Streptochilus</i> Arabian Sea AS260b	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAT	
<i>Streptochilus</i> Arabian Sea AS260c	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAT	
<i>Streptochilus</i> Arabian Sea AS260d	AATCTTACCA	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAT	
<i>Streptochilus</i> Arabian Sea AS260e	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAT	
<i>Streptochilus</i> Arabian Sea AS278a	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAT	
<i>Streptochilus</i> Arabian Sea AS278b	AATCTTTCCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAT	
<i>Streptochilus</i> Arabian Sea AS278c	AAACTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAT	
<i>Streptochilus</i> Arabian Sea AS278d	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAT	
<i>Streptochilus</i> Arabian Sea AS249a	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CAAC--TCAT	
<i>Streptochilus</i> Arabian Sea AS249b	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAT	
<i>Streptochilus</i> Arabian Sea AS249c	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAC	
<i>Streptochilus</i> Arabian Sea AS249d	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAC	
<i>Streptochilus</i> Arabian Sea AS274a	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--ACAC	
<i>Streptochilus</i> Arabian Sea AS274b	AACCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAC	
<i>Streptochilus</i> Arabian Sea AS274c	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAC	
<i>Streptochilus</i> Arabian Sea AS274d	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAC	
<i>Streptochilus</i> Arabian Sea AS274e	AATCTTACCG	GGTCCGGACA	CACTGAGGAT	TGACAGGTAA	CATC--TCAC	

	101	111	121	131	141	150
<i>B. variabilis</i> Caribbean [AY210769]	GTAT-----	TCG---TA--	C--GTGTGTA	TAAATATGCT	AGTCCTTTCA	
<i>B. variabilis</i> Caribbean [AY359141]	GTAT-----	TCG---TA--	C--GTGTGTA	TAAATATGCT	AGTCCTTTCA	
<i>B. variabilis</i> Caribbean [AY359142]	GTAT-----	TCG---TA--	C--GTGTGTA	TAAATATGCT	AGTCCTTTCA	
<i>B. variabilis</i> Gulf of Lions [AY210768]	TTATA-TG-T	TCG-CATATT	C--GTGTGTA	TAAATATGCT	AGTCCTTTCA	
<i>B. variabilis</i> Gulf of Lions [AY359131]	TTATA-TG-T	TCG-CATATT	C--GTGTGTA	TAAATATGCT	AGTCCTTTCA	
<i>B. variabilis</i> Bay of Biscay [AF533836]	TTATA-TG-T	TCG-CATATT	C--GTGTGTA	TAAATATGCT	AGTCCTTTCA	
<i>B. variabilis</i> Bay of Biscay [AY359132]	TTATA-TG-T	TCG-CATATT	C--GTGTGTA	TAAATATGCT	AGTCCTTTCA	
<i>B. variabilis</i> Bay of Biscay [AY359133]	TTATA-TG-T	TCG-CATATT	C--GTGTGTA	TAAATATGCT	AGTCCTTTCA	
<i>B. variabilis</i> Bay of Biscay [AY359134]	TTATA-TG-T	TCG-CATATT	C--GTGTGTA	TAAATATGCT	AGTCCTTTCA	
<i>B. variabilis</i> Kenya [AY359135]	GTAT-----	TCG---TA--	C--GTGTGTA	TAAATATGCT	AGTCCTTTCA	
<i>B. variabilis</i> Kenya [AY359136]	GTAT-----	TCG---TA--	C--GTGTGTA	TAAATATGCT	AGTCCTTTCA	
<i>B. variabilis</i> Kenya [AY359137]	GTAT-----	TCG---TA--	C--GTGTGTA	TAAATATGCT	AGTCCTTTCA	
<i>B. variabilis</i> Kenya [AY359138]	ACAT--CGCT	TCGGCATG-T	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>B. variabilis</i> Kenya [AY359139]	ACAT--CGCT	TCGGCATG-T	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>B. variabilis</i> Kenya [AY359140]	ACAT--CGCT	TCGGCATG-T	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS251a	ACAT--CGCT	TCGGCATG-T	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS260a	ACAT--CGCT	TCTGCATG-T	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS260b	ACAT--CGCT	TCTGCATG-T	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS260c	ACAT--CGCT	TCGGCATG-T	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS260d	ACAT--CGCT	TCTGCATG-T	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS260e	ACAT--CGCT	TCTGCATG-T	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS278a	ACAT--CGCT	TCGGCATG-T	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS278b	ACAT--CGCT	TCGGCATG-T	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS278c	ACAT--CGCT	TCGGCATG-T	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS278d	ACAT--CGCT	TCGGCATG-T	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS249a	ACAT--CGCT	TCGTCATG-T	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS249b	ACAT--CGCT	TCGGCATG-T	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS249c	ATATA-CGTC	TCGGCGTATT	---GTGGGTG	TGAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS249d	ATATA-CGTC	TCGGCGTATT	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS274a	AATTA-CGTC	TCGGCGTATT	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS274b	AATTA-CGTC	TCGGCGTATT	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS274c	AATTA-CGTC	TCAGCGTATT	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS274d	AATTA-CGTC	TCGGCGTATT	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	
<i>Streptochilus</i> Arabian Sea AS274e	AATTA-CGTT	TCGGCGTATT	---GTGGGTA	TAAATATGCT	AGTCCTTTCA	

	151	161	171	181	191	200
<i>B. variabilis</i> Caribbean [AY210769]	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>B. variabilis</i> Caribbean [AY359141]	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>B. variabilis</i> Caribbean [AY359142]	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>B. variabilis</i> Gulf of Lions [AY210768]	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>B. variabilis</i> Gulf of Lions [AY359131]	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>B. variabilis</i> Bay of Biscay [AF533836]	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>B. variabilis</i> Bay of Biscay [AY359132]	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>B. variabilis</i> Bay of Biscay [AY359133]	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>B. variabilis</i> Bay of Biscay [AY359134]	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>B. variabilis</i> Kenya [AY359135]	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>B. variabilis</i> Kenya [AY359136]	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>B. variabilis</i> Kenya [AY359137]	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>B. variabilis</i> Kenya [AY359138]	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>B. variabilis</i> Kenya [AY359139]	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>B. variabilis</i> Kenya [AY359140]	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS251a	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS260a	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS260b	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS260c	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS260d	TGATTATGTG	GTAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS260e	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS278a	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS278b	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS278c	TGATTATGTG	ATAGGTGGTA	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS278d	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS249a	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS249b	TGATTACGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS249c	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS249d	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS274a	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS274b	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS274c	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS274d	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	
<i>Streptochilus</i> Arabian Sea AS274e	TGATTATGTG	ATAGGTGGTG	CATGGCCGTT	CTTAGTTCGT	GGAGTGATCT	

	201	211	221	231	241	250
<i>B. variabilis</i> Caribbean [AY210769]	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>B. variabilis</i> Caribbean [AY359141]	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>B. variabilis</i> Caribbean [AY359142]	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>B. variabilis</i> Gulf of Lions [AY210768]	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>B. variabilis</i> Gulf of Lions [AY359131]	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>B. variabilis</i> Bay of Biscay [AF533836]	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>B. variabilis</i> Bay of Biscay [AY359132]	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>B. variabilis</i> Bay of Biscay [AY359133]	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>B. variabilis</i> Bay of Biscay [AY359134]	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>B. variabilis</i> Kenya [AY359135]	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>B. variabilis</i> Kenya [AY359136]	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>B. variabilis</i> Kenya [AY359137]	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>B. variabilis</i> Kenya [AY359138]	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>B. variabilis</i> Kenya [AY359139]	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>B. variabilis</i> Kenya [AY359140]	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>Streptochilus</i> Arabian Sea AS251a	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGC	GCATGTGTTG	
<i>Streptochilus</i> Arabian Sea AS260a	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>Streptochilus</i> Arabian Sea AS260b	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>Streptochilus</i> Arabian Sea AS260c	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>Streptochilus</i> Arabian Sea AS260d	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>Streptochilus</i> Arabian Sea AS260e	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>Streptochilus</i> Arabian Sea AS278a	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>Streptochilus</i> Arabian Sea AS278b	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGGGTTG	
<i>Streptochilus</i> Arabian Sea AS278c	GTCTGCCTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>Streptochilus</i> Arabian Sea AS278d	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>Streptochilus</i> Arabian Sea AS249a	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>Streptochilus</i> Arabian Sea AS249b	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>Streptochilus</i> Arabian Sea AS249c	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>Streptochilus</i> Arabian Sea AS249d	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>Streptochilus</i> Arabian Sea AS274a	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>Streptochilus</i> Arabian Sea AS274b	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>Streptochilus</i> Arabian Sea AS274c	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>Streptochilus</i> Arabian Sea AS274d	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	
<i>Streptochilus</i> Arabian Sea AS274e	GTCTGCTTAA	TTGCGTTTCA	CTATTGGATC	TATATACCGT	GCATGTGTTG	

	251	261	271	281	291	300
<i>B. variabilis</i> Caribbean [AY210769]	CGGCATTGAC	CCC---T-CA	GTATATCTCA	TAT-TG-A--	-GTGCGCGTC	
<i>B. variabilis</i> Caribbean [AY359141]	CGGCATTGAC	CCC---T-CA	GTATATCTCA	TAT-TG-A--	-GTGCGCGTC	
<i>B. variabilis</i> Caribbean [AY359142]	CGGCATTGAC	CCC---T-CA	GTATATCTCA	TAT-TG-A--	-GTGCGCGTC	
<i>B. variabilis</i> Gulf of Lions [AY210768]	CGGCATTGAC	CCC---T-CG	GTATT-CACT	TAT-CG-A--	-GTGCGCGTC	
<i>B. variabilis</i> Gulf of Lions [AY359131]	CGGCATTGAC	CCC---T-CG	GTATT-CACT	TAT-CG-A--	-GTGCGCGTC	
<i>B. variabilis</i> Bay of Biscay [AF533836]	CGGCATTGAC	CCC---T-CG	GTATT-CACT	TAT-CG-A--	-GTGCGCGTC	
<i>B. variabilis</i> Bay of Biscay [AY359132]	CGGCATTGAC	CCC---T-CG	GTATT-CACT	TAT-CG-A--	-GTGCGCGTC	
<i>B. variabilis</i> Bay of Biscay [AY359133]	CGGCATTGAC	CCC---T-CG	GTATT-CACT	TAT-CG-A--	-GTGCGCGTC	
<i>B. variabilis</i> Bay of Biscay [AY359134]	CGGCATTGAC	CCC---T-CG	GTATT-CACT	TAT-CG-A--	-GTGCGCGTC	
<i>B. variabilis</i> Kenya [AY359135]	CGGCATTGAC	CCC---T-CA	ATATT-CTCA	TAT-TG-A--	-GTGCGCGTC	
<i>B. variabilis</i> Kenya [AY359136]	CGGCATTGAC	CCC---T-CA	ATATT-CTCA	TAT-TG-A--	-GTGCGCGTC	
<i>B. variabilis</i> Kenya [AY359137]	CGGCATTGAC	CCC---T-CA	ATATT-CTCA	TAT-TG-A--	-GTGCGCGTC	
<i>B. variabilis</i> Kenya [AY359138]	CGGCATTGAC	CCC--AT-T-	G-ATTTTAC-	TAT-C-AAT-	-GTGCGCGTC	
<i>B. variabilis</i> Kenya [AY359139]	CGGCATTGAC	CCC--AT-T-	G-ATTTTAC-	TAT-C-AAT-	-GTGCGCGTC	
<i>B. variabilis</i> Kenya [AY359140]	CGGCATTGAC	CCC--AT-T-	G-ATTTTAC-	TAT-C-AAT-	-GTGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS251a	CGGCATTGAC	CCC--ATAT-	GTATTTTAC-	TATACGTAT-	-GCGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS260a	CGGCATTGAC	CCC--AT-T-	G-ATTTTAC-	TAT-C-AAT-	-GCGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS260b	CGGCATTGAC	CCC--AT-T-	G-ATTTTAC-	TAT-C-AAT-	-GCGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS260c	CGGCATTGAC	CCC--AT-T-	G-ATTTTAC-	TAT-C-AAT-	-GCGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS260d	CGGCATTGAC	CCC--ATAT-	GTATTTTAC-	TATACGTAT-	-GCGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS260e	CGGCATTGAC	CCC--ATAT-	GTATTTTAC-	TATACGTAT-	-GCGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS278a	CGGCATTGAC	CCC--AT-T-	G-ATTTTAC-	TAT-C-AAT-	-GCGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS278b	CGGCATTGAC	CCC--AT-T-	G-ATTTTAC-	TAT-C-AAT-	-GCGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS278c	CGGCATTGAC	CCC--AT-T-	G-ATTTTAC-	TAT-C-AAT-	-GCGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS278d	CGGCATTGAC	CCC--AT-T-	G-GTTTTAC-	TAT-C-AAT-	-GCGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS249a	CGGCATTGAC	CCC--AT-T-	G-ATTTTAC-	TAT-C-AAT-	-GCGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS249b	CGGCATTGAC	CCC--AT-T-	G-ATTTTAC-	TAT-C-AAT-	-GCGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS249c	CGGCATTGAC	CCC--AT-T-	G-ATTTTAC-	TAT-C-AAT-	-GTGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS249d	CGGCATTGAC	CCC--AT-T-	G-ATTTTAC-	TAT-C-AAT-	-GTGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS274a	CGGCATTGAC	CCC--AT-T-	G-ATTTTAC-	TAT-C-AAT-	-GCGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS274b	CGGCATTGAC	CCC--AT-T-	G-ATTTTAC-	TAT-C-AAT-	-GCGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS274c	CGGCATTGAC	CCC--AT-T-	G-ATTTTAC-	TAT-C-AAT-	-GCGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS274d	CGGCATTGAC	CCC--AT-T-	G-ATTTTAC-	TAT-C-AAT-	-GCGCGCGTC	
<i>Streptochilus</i> Arabian Sea AS274e	CGGCATTGAC	CCC--AT-T-	G-ATTTTAC-	TAT-C-AAT-	-GCGCGCGTC	



	301	311	321	331	341	350
<i>B. variabilis</i> Caribbean [AY210769]	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>B. variabilis</i> Caribbean [AY359141]	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>B. variabilis</i> Caribbean [AY359142]	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>B. variabilis</i> Gulf of Lions [AY210768]	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>B. variabilis</i> Gulf of Lions [AY359131]	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>B. variabilis</i> Bay of Biscay [AF533836]	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>B. variabilis</i> Bay of Biscay [AY359132]	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>B. variabilis</i> Bay of Biscay [AY359133]	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>B. variabilis</i> Bay of Biscay [AY359134]	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>B. variabilis</i> Kenya [AY359135]	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>B. variabilis</i> Kenya [AY359136]	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>B. variabilis</i> Kenya [AY359137]	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>B. variabilis</i> Kenya [AY359138]	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>B. variabilis</i> Kenya [AY359139]	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>B. variabilis</i> Kenya [AY359140]	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS251a	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS260a	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS260b	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS260c	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS260d	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS260e	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS278a	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCC	GAAAGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS278b	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS278c	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS278d	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS249a	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAGAGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS249b	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS249c	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS249d	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS274a	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAGGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS274b	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS274c	TTTCGCTTAG	CTCACTGCGC	ATTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS274d	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	
<i>Streptochilus</i> Arabian Sea AS274e	TTTCGCTTAG	CTCACTGCGC	TTTAGATCCT	GAAAGCAACG	AACGTGACCG	

	351	361	371	381	391	400
<i>B. variabilis</i> Caribbean [AY210769]	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GTGTGTAT	TATATA----	
<i>B. variabilis</i> Caribbean [AY359141]	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GTGTGTAT	TATATA----	
<i>B. variabilis</i> Caribbean [AY359142]	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GTGTGTAT	TATATA----	
<i>B. variabilis</i> Gulf of Lions [AY210768]	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GCG---A-	TATAT-CACA	
<i>B. variabilis</i> Gulf of Lions [AY359131]	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GCG---A-	TATAT-CACA	
<i>B. variabilis</i> Bay of Biscay [AF533836]	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GCG---A-	TATAT-CACA	
<i>B. variabilis</i> Bay of Biscay [AY359132]	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GCG---A-	TATAT-CACA	
<i>B. variabilis</i> Bay of Biscay [AY359133]	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GCG---A-	TATAT-CACA	
<i>B. variabilis</i> Bay of Biscay [AY359134]	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GCG---A-	TATAT-CACA	
<i>B. variabilis</i> Kenya [AY359135]	CAACCTCTTG	TTGCTTTCAT	TACCCAAATGC	--GGG---CAA	TATATA----	
<i>B. variabilis</i> Kenya [AY359136]	CAACCTCTTG	TTGCTTTCAT	TACCCAAATGC	--GGG---CAA	TATATA----	
<i>B. variabilis</i> Kenya [AY359137]	CAACCTCTTG	TTGCTTTCAT	TACCCAAATGC	--GGG---CAA	TATATA----	
<i>B. variabilis</i> Kenya [AY359138]	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GCG---A-	TATATA----	
<i>B. variabilis</i> Kenya [AY359139]	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GCG---A-	TATATA----	
<i>B. variabilis</i> Kenya [AY359140]	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GCG---A-	TATATA----	
<i>Streptochilus</i> Arabian Sea AS251a	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--ATG-----	T-TATA--CA	
<i>Streptochilus</i> Arabian Sea AS260a	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GTG-----	T-TATA--CA	
<i>Streptochilus</i> Arabian Sea AS260b	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GTG-----	T-TATA--CA	
<i>Streptochilus</i> Arabian Sea AS260c	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GTG-----	T-TATA--CA	
<i>Streptochilus</i> Arabian Sea AS260d	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GTG-----	T-TATA--CA	
<i>Streptochilus</i> Arabian Sea AS260e	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GTG-----	T-TATA--CA	
<i>Streptochilus</i> Arabian Sea AS278a	CAACCTCTTG	TTGCTTTCGT	-ACCCAAATGC	--GCG---A-	TATATA----	
<i>Streptochilus</i> Arabian Sea AS278b	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GCG---A-	TATATA----	
<i>Streptochilus</i> Arabian Sea AS278c	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GCG---A-	TATATA----	
<i>Streptochilus</i> Arabian Sea AS278d	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--ATA-----	T-TATA--CA	
<i>Streptochilus</i> Arabian Sea AS249a	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GCG---A-	TATATA----	
<i>Streptochilus</i> Arabian Sea AS249b	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GCG---A-	TATATA----	
<i>Streptochilus</i> Arabian Sea AS249c	CAACCTCTCG	TTGCTTTCAT	-ACCCAAATGC	--GCG---A-	TATATA----	
<i>Streptochilus</i> Arabian Sea AS249d	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GCG---A-	TATATA----	
<i>Streptochilus</i> Arabian Sea AS274a	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GTG-----	T-TATA--CA	
<i>Streptochilus</i> Arabian Sea AS274b	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GTG-----	T-TATA--CA	
<i>Streptochilus</i> Arabian Sea AS274c	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GTG-----	T-TATA--CA	
<i>Streptochilus</i> Arabian Sea AS274d	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GTG-----	T-TATA--CA	
<i>Streptochilus</i> Arabian Sea AS274e	CAACCTCTTG	TTGCTTTCAT	-ACCCAAATGC	--GTG-----	T-TATA--CA	



	401	411	421	431	441	450
<i>B. variabilis</i> Caribbean [AY210769]	CTCGTAT-AT	ATTACATG--	CGCATAAGAA	AGCTTAT---	-----	TATT-
<i>B. variabilis</i> Caribbean [AY359141]	CTCGTAT-AT	ATTACATG--	CGCATAAGAA	AGCTTAT---	-----	TATT-
<i>B. variabilis</i> Caribbean [AY359142]	CTCGTAT-AT	ATTACATG--	CGCATAAGAA	AGCTTAT---	-----	TATT-
<i>B. variabilis</i> Gulf of Lions [AY210768]	CTCGTGTGAT	ATTTCA----	CGCATAAGAA	AGCTTAT---	-----	TATT-
<i>B. variabilis</i> Gulf of Lions [AY359131]	CTCGTGTGAT	ATTTCA----	CGCATAAGAA	AGCTTAT---	-----	TATT-
<i>B. variabilis</i> Bay of Biscay [AF533836]	CTCGTGTGAT	ATTTCA----	CGCATAAGAA	AGCTTAT---	-----	TATT-
<i>B. variabilis</i> Bay of Biscay [AY359132]	CTCGTGTGAT	ATTTCA----	CGCATAAGAA	AGCTTAT---	-----	TATT-
<i>B. variabilis</i> Bay of Biscay [AY359133]	CTCGTGTGAT	ATTTCA----	CGCATAAGAA	AGCTTAT---	-----	TATT-
<i>B. variabilis</i> Bay of Biscay [AY359134]	CTCGTGTGAT	ATTTCA----	CGCATAAGAA	AGCTTAT---	-----	TATT-
<i>B. variabilis</i> Kenya [AY359135]	CTCGTAT-AT	ATAGTT----	CGCATAAGAA	AGCTTAT---	-----	TATT-
<i>B. variabilis</i> Kenya [AY359136]	CTCGTAT-AT	ATAGTT----	CGCATAAGAA	AGCTTAT---	-----	TATT-
<i>B. variabilis</i> Kenya [AY359137]	CTCGTAT-AT	ATAGTT----	CGCATAAGAA	AGCTTAT---	-----	TATT-
<i>B. variabilis</i> Kenya [AY359138]	CTCGTATG--	-TTTCA----	CGCATAAGAA	AGCTTAT--A	CATACTTTTG	
<i>B. variabilis</i> Kenya [AY359139]	CTCGTATG--	-TTTCA----	CGCATAAGAA	AGCTTAT--A	CATACTTTTG	
<i>B. variabilis</i> Kenya [AY359140]	CTCGTATG--	-TTTCA----	CGCATAAGAA	AGCTTAT--A	CATACTTTTG	
<i>Streptochilus</i> Arabian Sea AS251a	CTCGTGTA--	-TATCG----	TGCATAAGAA	AGCTTAT--A	CATAC-ATTG	
<i>Streptochilus</i> Arabian Sea AS260a	CTCGTGTA--	-TATCG----	CGCATAAGAA	AGCTTAT--A	CAT-GTATTG	
<i>Streptochilus</i> Arabian Sea AS260b	CTCGTGTA--	-TATCG----	CGCATAAGAA	AGCTTAT--A	CAT-GTATTG	
<i>Streptochilus</i> Arabian Sea AS260c	CTCGTGTA--	-TATCG----	CGCATAAGAA	AGCTTAT--A	CAT-GTATTG	
<i>Streptochilus</i> Arabian Sea AS260d	CTCGTGTA--	-TATCG----	CGCATAAGAA	AGCTTAT--A	CAT-GTATTG	
<i>Streptochilus</i> Arabian Sea AS260e	CTCGTGTA--	-TAAAC----	CGCATAAGAA	AGCTTAT--A	CAT-GTATTG	
<i>Streptochilus</i> Arabian Sea AS278a	CTCGTATA--	-TTTCA----	CGCATAAGAA	AGCTTAT--A	CAT-GTATTG	
<i>Streptochilus</i> Arabian Sea AS278b	CTCGTATA--	-TTTCA----	CGCATAAGAA	AGCTTAT--A	CAT-GTATTG	
<i>Streptochilus</i> Arabian Sea AS278c	CTCGTATA--	-TTTCA----	CGCATAAGAA	AGCTTAT--A	CAT-GTATTG	
<i>Streptochilus</i> Arabian Sea AS278d	CTCGTGTA--	-TATCG----	TGCATAAGAA	AGCTTAT--A	CATAC-ATTG	
<i>Streptochilus</i> Arabian Sea AS249a	CTCGTATA--	-TTTCA----	CGCATAAGAA	AGCTTAT--A	CAT-GTATTG	
<i>Streptochilus</i> Arabian Sea AS249b	CTCGTATA--	-TTTCA----	CGCATAAGAA	GGCTTAT--A	CAT-GTATTG	
<i>Streptochilus</i> Arabian Sea AS249c	CTCGTATA--	-TTTCA----	CGCATAAGAA	AGCTTAT--A	CAT-GTATTG	
<i>Streptochilus</i> Arabian Sea AS249d	CTCGTATA--	-TTTCA----	CGCATAAGAA	AGCTTAT--A	CAT-GTATTG	
<i>Streptochilus</i> Arabian Sea AS274a	CTCGTGTA--	-TATCG----	CGCATAAGAA	AGCTTAT--A	CAT-GTATTG	
<i>Streptochilus</i> Arabian Sea AS274b	CTCGTGTA--	-TATCG----	CGCATAAGAA	AGCTTAT--A	CAT-GTATTG	
<i>Streptochilus</i> Arabian Sea AS274c	CTCGTGTA--	-TATCG----	CGCATAAGAA	AGCTTAT--A	CAT-GTATTG	
<i>Streptochilus</i> Arabian Sea AS274d	CTCGTGTA--	-TATCG----	CGCATAAGAA	AGCTTAT--A	CAT-GTATTG	
<i>Streptochilus</i> Arabian Sea AS274e	CTCGTGTA--	-TATCG----	CGCATAAGAA	AGCTTAT--A	CAT-GTATTG	

	451	461	471	481	491	500
<i>B. variabilis</i> Caribbean [AY210769]	-----A--	--TA--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>B. variabilis</i> Caribbean [AY359141]	-----A--	--TA--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>B. variabilis</i> Caribbean [AY359142]	-----A--	--TA--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>B. variabilis</i> Gulf of Lions [AY210768]	-----A--	--TA--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>B. variabilis</i> Gulf of Lions [AY359131]	-----A--	--TA--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>B. variabilis</i> Bay of Biscay [AF533836]	-----A--	--TA--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>B. variabilis</i> Bay of Biscay [AY359132]	-----A--	--TA--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>B. variabilis</i> Bay of Biscay [AY359133]	-----A--	--TA--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>B. variabilis</i> Bay of Biscay [AY359134]	-----A--	--TA--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>B. variabilis</i> Kenya [AY359135]	-----A--	--TA--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>B. variabilis</i> Kenya [AY359136]	-----A--	--TA--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>B. variabilis</i> Kenya [AY359137]	-----A--	--TA--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>B. variabilis</i> Kenya [AY359138]	CTACGGCAAT	TGTAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>B. variabilis</i> Kenya [AY359139]	CTACGGCAAT	TGTAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>B. variabilis</i> Kenya [AY359140]	CTACGGCAAT	TGTAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS251a	CTACGGCA-T	TGTAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS260a	CTACGGCA-T	TACAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS260b	CTACGGCA-T	TACAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS260c	CTACGGCA-T	TACAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS260d	CTACGGCA-T	TACAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS260e	CTACGGCA-T	TACAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS278a	CTACGGCA-T	TACAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS278b	CTACGGCA-T	TACAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS278c	CTACGGCA-T	TACAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS278d	CTACGGCA-T	TGTAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS249a	CTACGGCA-T	TACAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS249b	CTACGGCA-T	TACAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS249c	CTACGGCA-T	TACAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS249d	CTACGGCA-T	TACAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS274a	CTACGGCA-T	TACAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS274b	CTACGGCA-T	TACAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS274c	CTACGGCA-T	TACAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS274d	CTACGGCA-T	TACAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA
<i>Streptochilus</i> Arabian Sea AS274e	CTACGGCA-T	TACAT--	CAC	AAACTAGAGG	GACCGCTGTT	ACTTTCTTAA

	501	511	521	531	541	550
<b><i>B. variabilis</i></b> Caribbean [AY210769]	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>B. variabilis</i></b> Caribbean [AY359141]	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>B. variabilis</i></b> Caribbean [AY359142]	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>B. variabilis</i></b> Gulf of Lions [AY210768]	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>B. variabilis</i></b> Gulf of Lions [AY359131]	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>B. variabilis</i></b> Bay of Biscay [AF533836]	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>B. variabilis</i></b> Bay of Biscay [AY359132]	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>B. variabilis</i></b> Bay of Biscay [AY359133]	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>B. variabilis</i></b> Bay of Biscay [AY359134]	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>B. variabilis</i></b> Kenya [AY359135]	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>B. variabilis</i></b> Kenya [AY359136]	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>B. variabilis</i></b> Kenya [AY359137]	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>B. variabilis</i></b> Kenya [AY359138]	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>B. variabilis</i></b> Kenya [AY359139]	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>B. variabilis</i></b> Kenya [AY359140]	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS251a	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS260a	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS260b	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS260c	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS260d	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS260e	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS278a	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS278b	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS278c	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS278d	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCTC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS249a	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS249b	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS249c	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS249d	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS274a	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS274b	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS274c	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS274d	ACCGGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	
<b><i>Streptochilus</i></b> Arabian Sea AS274e	ACCAGAGGAA	GGTTGCGGCA	ATAACAGGTC	TGTGATGCCC	TTAGATGTTT	

	551	561	571	581	591	600
<i>B. variabilis</i> Caribbean [AY210769]	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGGGCAT	CTCATTTTTTT	
<i>B. variabilis</i> Caribbean [AY359141]	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTG-GCAT	CTCATTTTTTT-	
<i>B. variabilis</i> Caribbean [AY359142]	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>B. variabilis</i> Gulf of Lions [AY210768]	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>B. variabilis</i> Gulf of Lions [AY359131]	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>B. variabilis</i> Bay of Biscay [AF533836]	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>B. variabilis</i> Bay of Biscay [AY359132]	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>B. variabilis</i> Bay of Biscay [AY359133]	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>B. variabilis</i> Bay of Biscay [AY359134]	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>B. variabilis</i> Kenya [AY359135]	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>B. variabilis</i> Kenya [AY359136]	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>B. variabilis</i> Kenya [AY359137]	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT-	
<i>B. variabilis</i> Kenya [AY359138]	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>B. variabilis</i> Kenya [AY359139]	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>B. variabilis</i> Kenya [AY359140]	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS251a	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS260a	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS260b	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS260c	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS260d	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS260e	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS278a	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS278b	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS278c	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS278d	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGATCAT	CTCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS249a	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS249b	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS249c	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS249d	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CCCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS274a	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS274b	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS274c	CGGGCTGCAC	ACGTGCCACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS274d	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	
<i>Streptochilus</i> Arabian Sea AS274e	CGGGCTGCAC	ACGTGCTACA	ATGATTATTG	CAGTGAGCAT	CTCATTTTTTT	

	601	611	621	631	641	650
<i>B. variabilis</i> Caribbean [AY210769]	-ACTACACC-	GCATGCGCGA	GTCTATTT--	AT-T----CT	---TCG----	
<i>B. variabilis</i> Caribbean [AY359141]	-ACTACACC-	GCATGCGCGA	GTCTATTT--	AT-T----CT	---TCG----	
<i>B. variabilis</i> Caribbean [AY359142]	-ACTACACC-	GCATGCGCGA	GTCTATTT--	AT-T----CT	---TCG----	
<i>B. variabilis</i> Gulf of Lions [AY210768]	-ACTACACC-	GCATGCGCGA	GTCTATTT--	AT-T----CT	-C-TCG---A	
<i>B. variabilis</i> Gulf of Lions [AY359131]	-ACTACACC-	GCATGCGCGA	GTCTATTT--	AT-T----CT	-C-TCG---A	
<i>B. variabilis</i> Bay of Biscay [AF533836]	-ACTACACCC	GCATGCGCGA	GTCTATTT--	AT-T----CT	-C-TCG---A	
<i>B. variabilis</i> Bay of Biscay [AY359132]	-ACTACACC-	GCATGCGCGA	GTCTATTT--	AT-T----CT	-C-TCG---A	
<i>B. variabilis</i> Bay of Biscay [AY359133]	-ACTACACC-	GCATGCGCGA	GTCTATTT--	AT-T----CT	-C-TCG---A	
<i>B. variabilis</i> Bay of Biscay [AY359134]	-ACTACACC-	GCATGCGCGA	GTCTATTT--	AT-T----CT	-C-TCG---A	
<i>B. variabilis</i> Kenya [AY359135]	-ACTACACC-	GCATGCGCGA	GTCTATTT--	AT-T----CT	---TCG----	
<i>B. variabilis</i> Kenya [AY359136]	-ACTACACC-	GCATGCGCGA	GTCTATTT--	AT-T----CT	---TCG----	
<i>B. variabilis</i> Kenya [AY359137]	-ACTACACC-	GCATGCGCGA	GTCTATTT--	AT-T----CT	---TCG----	
<i>B. variabilis</i> Kenya [AY359138]	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGT-TCT	GCTTCGGCTA	
<i>B. variabilis</i> Kenya [AY359139]	TACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGT-TCT	GCTTCGGCTA	
<i>B. variabilis</i> Kenya [AY359140]	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGT-TCT	GCTTCGGCTA	
<i>Streptochilus</i> Arabian Sea AS251a	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGC-TCT	GCTTCGGCTA	
<i>Streptochilus</i> Arabian Sea AS260a	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGC-TCT	GCTTCGGCCA	
<i>Streptochilus</i> Arabian Sea AS260b	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGC-TCT	GCTTCGGCCA	
<i>Streptochilus</i> Arabian Sea AS260c	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGC-TCT	GCTTCGGCTA	
<i>Streptochilus</i> Arabian Sea AS260d	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGC-TCT	GCTTCGGCCA	
<i>Streptochilus</i> Arabian Sea AS260e	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGC-TCT	GCTTCGGCCA	
<i>Streptochilus</i> Arabian Sea AS278a	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGT-TCT	GCTTCGGCTA	
<i>Streptochilus</i> Arabian Sea AS278b	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGC-TCT	GCTTCGGCTA	
<i>Streptochilus</i> Arabian Sea AS278c	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGC-TCT	GCTTCGGCTA	
<i>Streptochilus</i> Arabian Sea AS278d	TACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGT-TCT	GCTTCGGCTA	
<i>Streptochilus</i> Arabian Sea AS249a	-ACTACGCC-	GCATGCGCGA	GTCTATTT--	GTCTGT-TCT	GCCTCGGCTA	
<i>Streptochilus</i> Arabian Sea AS249b	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGT-TCT	GCCTCGGCTA	
<i>Streptochilus</i> Arabian Sea AS249c	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGT-TCT	GCCTCGGCTA	
<i>Streptochilus</i> Arabian Sea AS249d	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGC-TTT	GCTTCGGCTA	
<i>Streptochilus</i> Arabian Sea AS274a	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGTGTCT	GCTTCGGCTA	
<i>Streptochilus</i> Arabian Sea AS274b	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGTGTCT	GCTTCGGCTA	
<i>Streptochilus</i> Arabian Sea AS274c	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGTGTCT	GCTTCGGCTA	
<i>Streptochilus</i> Arabian Sea AS274d	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGTGTCT	GCTTCGGCTA	
<i>Streptochilus</i> Arabian Sea AS274e	-ACTACACC-	GCATGCGCGA	GTCTATTT--	GTCTGTGTCT	GCTTCGGCTA	

	651	661	671	681	691	700
<i>B. variabilis</i> Caribbean [AY210769]	-G-T-CT---	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>B. variabilis</i> Caribbean [AY359141]	-G-T-CT---	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>B. variabilis</i> Caribbean [AY359142]	-G-T-CT---	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>B. variabilis</i> Gulf of Lions [AY210768]	-G-T-CT---	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>B. variabilis</i> Gulf of Lions [AY359131]	-G-T-CT---	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>B. variabilis</i> Bay of Biscay [AF533836]	-G-T-CT---	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>B. variabilis</i> Bay of Biscay [AY359132]	-G-T-CT---	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>B. variabilis</i> Bay of Biscay [AY359133]	-G-T-CT---	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>B. variabilis</i> Bay of Biscay [AY359134]	-G-T-CT---	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>B. variabilis</i> Kenya [AY359135]	-G-T-CT---	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>B. variabilis</i> Kenya [AY359136]	-G-T-CT---	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>B. variabilis</i> Kenya [AY359137]	-G-T-CT---	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>B. variabilis</i> Kenya [AY359138]	-ACTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>B. variabilis</i> Kenya [AY359139]	-ACTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>B. variabilis</i> Kenya [AY359140]	-ACTGCTC--	AAATACGATC	TCTGCGTGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS251a	TGCTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS260a	-GCTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS260b	-GCTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS260c	TGCTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS260d	-GCTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS260e	-GCTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS278a	-GCTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS278b	-GCTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS278c	-GCTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS278d	-ACTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS249a	-ACTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS249b	-ACTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS249c	-ACTGCTC--	AAATACGATC	CCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS249d	-GCTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS274a	-ACTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS274b	-ACTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS274c	-ACTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS274d	-ACTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	
<i>Streptochilus</i> Arabian Sea AS274e	-ACTGCTC--	AAATACGATC	TCTGCGCGCG	GTAAAGCCTA	CTTCGAAAAGT	



	701	711	721	731	741	750
<i>B. variabilis</i> Caribbean [AY210769]	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	TTCTGCACAC	
<i>B. variabilis</i> Caribbean [AY359141]	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	TTCTGCACAC	
<i>B. variabilis</i> Caribbean [AY359142]	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	TTCTGCACAC	
<i>B. variabilis</i> Gulf of Lions [AY210768]	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	TTCTGCACAC	
<i>B. variabilis</i> Gulf of Lions [AY359131]	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	TTCTGCACAC	
<i>B. variabilis</i> Bay of Biscay [AF533836]	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	TTCTGCACAC	
<i>B. variabilis</i> Bay of Biscay [AY359132]	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	TTCTGCACAC	
<i>B. variabilis</i> Bay of Biscay [AY359133]	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	TTCTGCACAC	
<i>B. variabilis</i> Bay of Biscay [AY359134]	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	TTCTGCACAC	
<i>B. variabilis</i> Kenya [AY359135]	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	TTCTGCACAC	
<i>B. variabilis</i> Kenya [AY359136]	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	TTCTGCACAC	
<i>B. variabilis</i> Kenya [AY359137]	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	TTCTGCACAC	
<i>B. variabilis</i> Kenya [AY359138]	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAC	
<i>B. variabilis</i> Kenya [AY359139]	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAC	
<i>B. variabilis</i> Kenya [AY359140]	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAC	
<i>Streptochilus</i> Arabian Sea AS251a	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAC	
<i>Streptochilus</i> Arabian Sea AS260a	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAC	
<i>Streptochilus</i> Arabian Sea AS260b	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAC	
<i>Streptochilus</i> Arabian Sea AS260c	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAC	
<i>Streptochilus</i> Arabian Sea AS260d	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAC	
<i>Streptochilus</i> Arabian Sea AS260e	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAC	
<i>Streptochilus</i> Arabian Sea AS278a	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	GTCTGCACAC	
<i>Streptochilus</i> Arabian Sea AS278b	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	GTCTGCACAC	
<i>Streptochilus</i> Arabian Sea AS278c	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	GTCTGCACAC	
<i>Streptochilus</i> Arabian Sea AS278d	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAC	
<i>Streptochilus</i> Arabian Sea AS249a	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAC	
<i>Streptochilus</i> Arabian Sea AS249b	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAC	
<i>Streptochilus</i> Arabian Sea AS249c	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAC	
<i>Streptochilus</i> Arabian Sea AS249d	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAC	
<i>Streptochilus</i> Arabian Sea AS274a	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAC	
<i>Streptochilus</i> Arabian Sea AS274b	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAC	
<i>Streptochilus</i> Arabian Sea AS274c	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAC	
<i>Streptochilus</i> Arabian Sea AS274d	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAT	
<i>Streptochilus</i> Arabian Sea AS274e	AAGCGGGTAA	TCAATTAGAA	GTAATGATTT	CCTATTTT--	CTCTGCACAC	

	751	761	771	781	791	800
<b><i>B. variabilis</i></b> Caribbean [AY210769]	ATATATGTGG	CGCAACTACC	CGGCTTGCC	TGTTGCAA--	GTTCTTTGTG	
<b><i>B. variabilis</i></b> Caribbean [AY359141]	ATATATGTGG	CGCAACTACC	CGGCTTGCC	TGTTGCAA--	GTTCTTTGTG	
<b><i>B. variabilis</i></b> Caribbean [AY359142]	ATATATGTGG	CGCAACTACC	CGGCTTGCC	TGTTGCAA--	GTTCTTTGTG	
<b><i>B. variabilis</i></b> Gulf of Lions [AY210768]	ATATATGTGG	CGCATCTACC	CGGCTTGCC	TGTTGCAA--	GTTCTTTGTG	
<b><i>B. variabilis</i></b> Gulf of Lions [AY359131]	ATATATGTGG	CGCATCTACC	CGGCTTGCC	TGTTGCAA--	GTTCTTTGTG	
<b><i>B. variabilis</i></b> Bay of Biscay [AF533836]	ATATATGTGG	CGCATCTACC	CGGCTTGCC	TGTTGCAA--	GTTCTTTGTG	
<b><i>B. variabilis</i></b> Bay of Biscay [AY359132]	ATATATGTGG	CGCATCTACC	CGGCTTGCC	TGTTGCAA--	GTTCTTTGTG	
<b><i>B. variabilis</i></b> Bay of Biscay [AY359133]	ATATATGTGG	CGCATCTACC	CGGCTTGCC	TGTTGCAA--	GTTCTTTGTG	
<b><i>B. variabilis</i></b> Bay of Biscay [AY359134]	ATATATGTGG	CGCATCTACC	CGGCTTGCC	TGTTGCAA--	GTTCTTTGTG	
<b><i>B. variabilis</i></b> Kenya [AY359135]	ATATATGTGG	CGCATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>B. variabilis</i></b> Kenya [AY359136]	ATATATGTGG	CGCATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>B. variabilis</i></b> Kenya [AY359137]	ATATATGTGG	CGCATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>B. variabilis</i></b> Kenya [AY359138]	ATATATGCGG	CATATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>B. variabilis</i></b> Kenya [AY359139]	ATATATGCGG	CATATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>B. variabilis</i></b> Kenya [AY359140]	ATATATGCGG	CATATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS251a	ATATATGCGG	CACATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS260a	ATATATGCGG	CGCATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS260b	ATATATGCGG	CACATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS260c	ATATATGCGG	CACATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS260d	ATATACGCGG	CACATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS260e	ATATATGCGG	CACATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS278a	ATATATGCGG	CACATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS278b	ATATATGCGG	CACATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS278c	ATATATGCGG	CTCATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS278d	ATATATGCGG	CACATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS249a	ATATATGCGG	CACATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS249b	ATATATGCGG	CACATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS249c	ATATATGCGG	CACATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS249d	ATATATGCGG	CATATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS274a	ATATATGCGG	CACATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS274b	ATATATGCGG	CACATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS274c	ATATATGCGG	CACATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS274d	ATATATGCGG	CACATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	
<b><i>Streptochilus</i></b> Arabian Sea AS274e	ATATATGCGG	CACATCTACC	CGGCATGCC	TGTTGCAT--	GTTCTTTGTG	

	801	811	821	831	841	850
<i>B. variabilis</i> Caribbean [AY210769]	CGTAGTTGTG	TAC-----	TTTTTCCACA	TGTGCAATTG	TCAATTCATG	
<i>B. variabilis</i> Caribbean [AY359141]	CGTAGTTGTG	TAC-----	TTTTTCCACA	TGTGCAATTG	TCAATTCATG	
<i>B. variabilis</i> Caribbean [AY359142]	CGTAGTTGTG	TAC-----	TTTTTCCACA	TGTGCAATTG	TCAATTCATG	
<i>B. variabilis</i> Gulf of Lions [AY210768]	CGTAGATGTG	TAC-----	TTTTTCCACA	TGTGCAATTG	TCAATTCATG	
<i>B. variabilis</i> Gulf of Lions [AY359131]	CGTAGATGTG	TAC-----	TTTTTCCACA	TGTGCAATTG	TCAATTCATG	
<i>B. variabilis</i> Bay of Biscay [AF533836]	CGTAGATGTG	TAC-----	TTTTTCCACA	TGTGCAATTG	TCAATTCATG	
<i>B. variabilis</i> Bay of Biscay [AY359132]	CGTAGATGTG	TAC-----	TTTTTCCACA	TGTGCAATTG	TCAATTCATG	
<i>B. variabilis</i> Bay of Biscay [AY359133]	CGTAGATGTG	TAC-----	TTTTTCCACA	TGTGCAATTG	TCAATTCATG	
<i>B. variabilis</i> Bay of Biscay [AY359134]	CGTAGATGTG	TAC-----	ATTTTCCACA	TGTGCAATTG	TCAATTCATG	
<i>B. variabilis</i> Kenya [AY359135]	CGTAGATGTG	TAC-----	TTTTTCCACA	TGTGCAATTG	TCAATTCATG	
<i>B. variabilis</i> Kenya [AY359136]	CGTAGATGTG	TAC-----	TTTTTCCACA	TGTGCAATTG	TCAATTCATG	
<i>B. variabilis</i> Kenya [AY359137]	CGTAGATGTG	TAC-----	TTTTTCCACA	TGTGCAATTG	TCAATTCATG	
<i>B. variabilis</i> Kenya [AY359138]	CGTAGATGTG	TAC--CCC--	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>B. variabilis</i> Kenya [AY359139]	CGTAGATGTG	TAC--CCC--	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>B. variabilis</i> Kenya [AY359140]	CGTAGATGTG	TAC--CCC--	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>Streptochilus</i> Arabian Sea AS251a	CGTAGATGTG	TAC--CC---	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>Streptochilus</i> Arabian Sea AS260a	CGTAGATGTG	TAC--CCC--	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>Streptochilus</i> Arabian Sea AS260b	CGTAGATGTG	TAC--CCC--	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>Streptochilus</i> Arabian Sea AS260c	CGTAGATGTG	TAC--CCC--	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>Streptochilus</i> Arabian Sea AS260d	CGTAGATGTG	TAC--CCC--	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>Streptochilus</i> Arabian Sea AS260e	CGTAGATGTG	TAC--CCC--	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>Streptochilus</i> Arabian Sea AS278a	CGTAGATGTG	TAC--CCC--	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>Streptochilus</i> Arabian Sea AS278b	CGTAGATGTG	TAC--CCC--	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>Streptochilus</i> Arabian Sea AS278c	CGTAGATGTG	TAC--CCC--	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>Streptochilus</i> Arabian Sea AS278d	CGTAGATGTG	TAC--CCC--	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>Streptochilus</i> Arabian Sea AS249a	CGTAGATGTG	TAC--CC---	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>Streptochilus</i> Arabian Sea AS249b	CGTAGATGTG	TAC--CC---	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>Streptochilus</i> Arabian Sea AS249c	CGTAGATGTG	TAC--CC---	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>Streptochilus</i> Arabian Sea AS249d	CGTAGATATG	TAC--CC---	TTTTTCCGCA	TGTGCAATTG	TCAGTTCATG	
<i>Streptochilus</i> Arabian Sea AS274a	CGTAGATGTG	TAC--CC---	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>Streptochilus</i> Arabian Sea AS274b	CGTAGATGTG	TAC--CC---	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>Streptochilus</i> Arabian Sea AS274c	CGTAGATGTG	TAC--CC---	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>Streptochilus</i> Arabian Sea AS274d	CGTAGATGTG	TAC--CC---	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	
<i>Streptochilus</i> Arabian Sea AS274e	CGTAGATGTG	TAC--CC---	TTTTTCCGCA	TGTGCAATTG	TCAATTCATG	

	851	861	871	881	891	900
<i>B. variabilis</i> Caribbean [AY210769]						
	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>B. variabilis</i> Caribbean [AY359141]	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>B. variabilis</i> Caribbean [AY359142]	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>B. variabilis</i> Gulf of Lions [AY210768]	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>B. variabilis</i> Gulf of Lions [AY359131]	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>B. variabilis</i> Bay of Biscay [AF533836]	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>B. variabilis</i> Bay of Biscay [AY359132]	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>B. variabilis</i> Bay of Biscay [AY359133]	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>B. variabilis</i> Bay of Biscay [AY359134]	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>B. variabilis</i> Kenya [AY359135]	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>B. variabilis</i> Kenya [AY359136]	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>B. variabilis</i> Kenya [AY359137]	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>B. variabilis</i> Kenya [AY359138]	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>B. variabilis</i> Kenya [AY359139]	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>B. variabilis</i> Kenya [AY359140]	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>Streptochilus</i> Arabian Sea AS251a	GTGGGGACAG	ACCAATTGTTT	CAATTGTTAG	TCTCGGTCTT	AACTAGGAAT	
<i>Streptochilus</i> Arabian Sea AS260a	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>Streptochilus</i> Arabian Sea AS260b	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAGT	
<i>Streptochilus</i> Arabian Sea AS260c	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTC	AACTAGGAAT	
<i>Streptochilus</i> Arabian Sea AS260d	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>Streptochilus</i> Arabian Sea AS260e	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>Streptochilus</i> Arabian Sea AS278a	GTGGGGACAG	ACCAATTGTTT	CAATTGTTAG	TCTCGGTCTT	AACTAGGAAT	
<i>Streptochilus</i> Arabian Sea AS278b	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>Streptochilus</i> Arabian Sea AS278c	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>Streptochilus</i> Arabian Sea AS278d	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>Streptochilus</i> Arabian Sea AS249a	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>Streptochilus</i> Arabian Sea AS249b	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>Streptochilus</i> Arabian Sea AS249c	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>Streptochilus</i> Arabian Sea AS249d	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>Streptochilus</i> Arabian Sea AS274a	GTGGGGACAG	ACCGTTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>Streptochilus</i> Arabian Sea AS274b	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>Streptochilus</i> Arabian Sea AS274c	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCACGGTCTT	AACTAGGAAT	
<i>Streptochilus</i> Arabian Sea AS274d	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	
<i>Streptochilus</i> Arabian Sea AS274e	GTGGGGACAG	ACCAATTGTTT	CAATTGTTGG	TCTCGGTCTT	AACTAGGAAT	

	901	911	921	931	941	950			
<i>B. variabilis</i> Caribbean [AY210769]	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>B. variabilis</i> Caribbean [AY359141]	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>B. variabilis</i> Caribbean [AY359142]	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>B. variabilis</i> Gulf of Lions [AY210768]	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>B. variabilis</i> Gulf of Lions [AY359131]	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>B. variabilis</i> Bay of Biscay [AF533836]	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>B. variabilis</i> Bay of Biscay [AY359132]	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>B. variabilis</i> Bay of Biscay [AY359133]	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>B. variabilis</i> Bay of Biscay [AY359134]	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>B. variabilis</i> Kenya [AY359135]	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>B. variabilis</i> Kenya [AY359136]	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>B. variabilis</i> Kenya [AY359137]	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGTC
<i>B. variabilis</i> Kenya [AY359138]	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>B. variabilis</i> Kenya [AY359139]	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>B. variabilis</i> Kenya [AY359140]	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS251a	GCC	TTG	TGCG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS260a	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS260b	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS260c	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS260d	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS260e	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS278a	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS278b	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS278c	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS278d	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS249a	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS249b	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS249c	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS249d	GCC	TTG	TACG	GGT	CTTT	GGT	TCAATAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS274a	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS274b	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS274c	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS274d	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC
<i>Streptochilus</i> Arabian Sea AS274e	GCC	TTG	TACG	GGT	CTTT	GGT	TCAACAAAACC	ACCCGGAATA	CGTCCCTGCC

	951	961	971	981	991	1000
<i>B. variabilis</i> Caribbean [AY210769]	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>B. variabilis</i> Caribbean [AY359141]	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>B. variabilis</i> Caribbean [AY359142]	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>B. variabilis</i> Gulf of Lions [AY210768]	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>B. variabilis</i> Gulf of Lions [AY359131]	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>B. variabilis</i> Bay of Biscay [AF533836]	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>B. variabilis</i> Bay of Biscay [AY359132]	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>B. variabilis</i> Bay of Biscay [AY359133]	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>B. variabilis</i> Bay of Biscay [AY359134]	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>B. variabilis</i> Kenya [AY359135]	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>B. variabilis</i> Kenya [AY359136]	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>B. variabilis</i> Kenya [AY359137]	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>B. variabilis</i> Kenya [AY359138]	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>B. variabilis</i> Kenya [AY359139]	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>B. variabilis</i> Kenya [AY359140]	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS251a	CTTCGTACAC	ACCGCTCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS260a	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS260b	CTTTGTACAC	ACCGCCCGTC	GTTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS260c	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS260d	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS260e	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS278a	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS278b	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS278c	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS278d	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS249a	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS249b	CTTTGTACTC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS249c	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS249d	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS274a	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS274b	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS274c	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS274d	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	
<i>Streptochilus</i> Arabian Sea AS274e	CTTTGTACAC	ACCGCCCGTC	GCTCTTACCG	ATGGACTTCT	CTGTGAGTTT	



	1001	1011	1021	1031	1041	1050
<i>B. variabilis</i> Caribbean [AY210769]	GAGGGACTGT	C--ATTGGCG	CTT-ATATTA	CGC-TTCGGT	GTAATATAC-	
<i>B. variabilis</i> Caribbean [AY359141]	GAGGGACTGT	C--ATTGGCG	CTT-ATATTA	CGC-TTCGGT	GTAATATAC-	
<i>B. variabilis</i> Caribbean [AY359142]	GAGGGACTGT	C--ATTGGCG	CTT-ATATTA	CGC-TTCGGT	GTAATATAC-	
<i>B. variabilis</i> Gulf of Lions [AY210768]	GAGGGACTGT	C--TTTGGCG	CTTTATAT--	CA-GTTCGCT	G--ATATAC-	
<i>B. variabilis</i> Gulf of Lions [AY359131]	GAGGGACTGT	C--TTTGGCG	CTTTATAT--	CA-GTTCGCT	G--ATATAC-	
<i>B. variabilis</i> Bay of Biscay [AF533836]	GAGGGACTGT	C--TTTGGCG	CTTTATAT--	CA-GTTCGCT	G--ATATAC-	
<i>B. variabilis</i> Bay of Biscay [AY359132]	GAGGGACTGT	C--TTTGGCG	CTTTATAT--	CA-GTTCGCT	G--ATATAC-	
<i>B. variabilis</i> Bay of Biscay [AY359133]	GAGGGACTGT	C--TTTGGCG	CTTTATAT--	CA-GTTCGCT	G--ATATAC-	
<i>B. variabilis</i> Bay of Biscay [AY359134]	GAGGGACTGT	C--TTTGGCG	CTTTATAT--	CA-GTTCGCT	G--ATATAC-	
<i>B. variabilis</i> Kenya [AY359135]	GAGGGACTGT	C--TTTGGCG	CTT-ATAT--	CGCACTCG-T	GCGATATAC-	
<i>B. variabilis</i> Kenya [AY359136]	GAGGGACTGT	C--TTTGGCG	CTT-ATAT--	CGCACTCG-T	GCGATATAC-	
<i>B. variabilis</i> Kenya [AY359137]	GAGGGACTGT	C--TTTGGCG	CTT-ATAT--	CGCACTCG-T	GCGATATAC-	
<i>B. variabilis</i> Kenya [AY359138]	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	
<i>B. variabilis</i> Kenya [AY359139]	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	
<i>B. variabilis</i> Kenya [AY359140]	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	
<i>Streptochilus</i> Arabian Sea AS251a	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TGTACT	
<i>Streptochilus</i> Arabian Sea AS260a	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	
<i>Streptochilus</i> Arabian Sea AS260b	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	
<i>Streptochilus</i> Arabian Sea AS260c	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	
<i>Streptochilus</i> Arabian Sea AS260d	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	
<i>Streptochilus</i> Arabian Sea AS260e	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	
<i>Streptochilus</i> Arabian Sea AS278a	GAGGGACTGT	C--TTTGGCT	GTT-GTA---	CGT-CTCG--	GCG-TATACT	
<i>Streptochilus</i> Arabian Sea AS278b	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	
<i>Streptochilus</i> Arabian Sea AS278c	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	
<i>Streptochilus</i> Arabian Sea AS278d	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	
<i>Streptochilus</i> Arabian Sea AS249a	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	
<i>Streptochilus</i> Arabian Sea AS249b	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	CCG-TATACT	
<i>Streptochilus</i> Arabian Sea AS249c	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	
<i>Streptochilus</i> Arabian Sea AS249d	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	
<i>Streptochilus</i> Arabian Sea AS274a	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	
<i>Streptochilus</i> Arabian Sea AS274b	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	
<i>Streptochilus</i> Arabian Sea AS274c	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	
<i>Streptochilus</i> Arabian Sea AS274d	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	
<i>Streptochilus</i> Arabian Sea AS274e	GAGGGACTGT	C--TTTGGCT	GTT-ATA---	CGT-CTCG--	GCG-TATACT	

	1051	1061	1071	1081	1091	1100
<i>B. variabilis</i> Caribbean [AY210769]	GCCATTC--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>B. variabilis</i> Caribbean [AY359141]	GCCATTC--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>B. variabilis</i> Caribbean [AY359142]	GCCATTC--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>B. variabilis</i> Gulf of Lions [AY210768]	GCCATTC--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>B. variabilis</i> Gulf of Lions [AY359131]	GCCATTC--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>B. variabilis</i> Bay of Biscay [AF533836]	GCCATTC--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AG	
<i>B. variabilis</i> Bay of Biscay [AY359132]	GCCATTC--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGA	
<i>B. variabilis</i> Bay of Biscay [AY359133]	GCCATTC--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>B. variabilis</i> Bay of Biscay [AY359134]	GCCATTC--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>B. variabilis</i> Kenya [AY359135]	GCCATTC--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>B. variabilis</i> Kenya [AY359136]	GCCATTC--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>B. variabilis</i> Kenya [AY359137]	GCCATTC--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>B. variabilis</i> Kenya [AY359138]	ACCATCT--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>B. variabilis</i> Kenya [AY359139]	ACCATCT--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>B. variabilis</i> Kenya [AY359140]	ACCATCT--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS251a	ACCATCT--T	AGGAAACTTA	AACGAATCAG	TGTGGTCTAG	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS260a	ACCATCT--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS260b	ACCATCT--T	AGGAAACTTA	AACGAATCAG	TGTGGTCTAA	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS260c	ACCATCT--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS260d	ACCATCT--T	AGGAAACTTA	AACGAATCAG	TGTGGTCTAA	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS260e	ACCATCT--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS278a	ACCATCT--T	AGGAAACTTA	AACGAA-CTG	TGTGGTCTAA	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS278b	ACCATCT--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS278c	ACCATCT--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS278d	ACCATCT--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS249a	ACCATCT--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS249b	ACCATCT--T	AGGAAACTTA	AACGAA-CAG	TGTGGCCTAA	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS249c	ACCATCT--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS249d	ACCATCT--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS274a	ACCATCT--T	AGGAAACTTA	AACGAATCAG	TGTGGTCTAA	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS274b	ACCATCT--T	AGGAAACTTA	AACGAATCAG	TGTGGTCTAA	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS274c	ACCATCT--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS274d	AC-ATCT--T	AGGAAACTTA	AACGAATCAG	TGTGGTCTGA	AGGAAAGAGA	
<i>Streptochilus</i> Arabian Sea AS274e	ACCATCT--T	AGGAAACTTA	AACGAA-CAG	TGTGGTCTAA	AGGAAAGAGA	